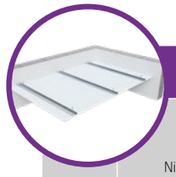
suspended ceilings **and ceiling sheathing**

The second most popular application of plasterboards after their application for constructing walls are suspended ceilings. They can act as, e.g., aesthetic masking of various installations running under the ceiling, or structural floor elements. They can also act as fire resistant barriers, or provide acoustic and thermal insulation separating adjacent rooms. The frames of suspended ceilings are most often sheathed with the Nida Expert 12.5 mm, or Nida Ogień Plus 12.5 mm, or 15 mm boards. In the case of the special sound absorption ceilings the Nida Sonic plasterboards are utilised. The suspended ceiling structures are most often constructed of the cold-bent Nida CD60 steel profiles, assembled in the single-, or double-level cross-arrangement. The suspension of the suspended ceilings consists of the rotary hangers with springs and fixing rods, and for the ceilings acting as fire barriers – the nonius hangers, or the ES, EL direct fixing elements.

chapter contents

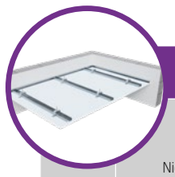
602 PK48/12,5; PK48/15; PK48/18
604 PK48/25; PK48/27,5; PK48/30
606 PK48/37,5; PK48/40; PK48/55; PK48/60
608 ES/CD60-12,5; ES/CD60-15; ES/CD60-18
610 ES/CD60-25; ES/CD60-27,5; ES/CD60-30
612 ES/CD60-37,5; ES/CD60-40; ES/CD60-55; ES/CD60-60
614 EL/CD60-12,5; EL/CD60-15; EL/CD60-18
616 EL/CD60-25; EL/CD60/27,5; EL/CD60-30
618 EL/CD60-37,5; EL/CD60-40; EL/CD60-55; EL/CD60-60
620 WP/CD60-12,5; WP/CD60-15; WP/CD60-18
622 WP/CD60-25; WP/CD60-27,5; WP/CD60-30
624 WP/CD60-37,5; WP/CD60-40; WP/CD60-55; WP/CD60-60
626 WO/CD60-12,5; WO/CD60-25
628 WON/CD60-12,5; WON/CD60-15; WON/CD60-18
630 WON/CD60-25; WON/CD60-27,5; WON/CD60-30
632 WON/CD60-37,5; WON/CD60-40; WON/CD60-55; WON/CD60-60
634 JK/ES/CD60-12,5; JK/ES/CD60-15; JK/ES/CD60-18
636 JK/ES/CD60-25; JK/ES/CD60-27,5; JK/ES/CD60-30
638 JK/ES/CD60-37,5; JK/ES/CD60-40; JK/ES/CD60-55; JK/ES/CD60-60
640 JK/EL/CD60-12,5; JK/EL/CD60-15; JK/EL/CD60-18
642 JK/EL/CD60-25; JK/EL/CD60-27,5; JK/EL/CD60-30
644 JK/EL/CD60-37,5; JK/EL/CD60-40; JK/EL/CD60-55; JK/EL/CD60-60
646 JK/WP/CD60-12,5; JK/WP/CD60-15; JK/WP/CD60-18
648 JK/WP/CD60-25; JK/WP/CD60-27,5; JK/WP/CD60-30
650 JK/WP/CD60-37,5; JK/WP/CD60-40; JK/WP/CD60-55; JK/WP/CD60-60
652 JK/WO/CD60-12,5; JK/WO/CD60-25
654 JK/WON/CD60-12,5; JK/WON/CD60-15; JK/WON/CD60-18
656 JK/WON/CD60-25; JK/WON/CD60-27,5; JK/WON/CD60-30
658 JK/WON/CD60-37,5; JK/WON/CD60-40; JK/WON/CD60-55; JK/WON/CD60-60
660 DK/ES/CD60-12,5; DK/ES/CD60-15; DK/ES/CD60-18
662 DK/ES/CD60-25; DK/ES/CD60-27,5; DK/ES/CD60-30
664 DK/ES/CD60- 37,5; DK/ES/CD60-40; DK/ES/CD60-55; DK/ES/CD60-60
666 DK/EL/CD60-12,5; DK/EL/CD60-15; DK/EL/CD60-18
668 DK/EL/CD60-25; DK/EL/CD60-27,5; DK/EL/CD60-30
670 DK/EL/CD60-37,5; DK/EL/CD60-40; DK/EL/CD60-55; DK/EL/CD60-60
672 DK/WP/CD/60-12,5; DK/WP/CD/60-15; DK/WP/CD/60-18
674 DK/WP/CD60-25; DK/WP/CD60-27,5; DK/WP/CD60-30
676 DK/WP/CD60-37,5; DK/WP/CD60-40; DK/WP/CD60-55; DK/WP/CD60-60
678 DK/WO/CD60-12,5; DK/WO/CD60-25
680 DK/WON/CD60-12,5; DK/WON/CD60-15; DK/WON/CD60-18
682 DK/WON/CD60-25; DK/WON/CD60-27,5; DK/WON/CD60-30
684 DK/WDNW/CD60-25/MW; DK/WDNW/CD60-30/MW
686 DK/WON/CD60-37,5; DK/WON/CD60-40; DK/WON/CD60-55; DK/WON/CD60-60
688 DK/WON/CD60-13/RTG; DK/WON/CD60-13,5/RTG; DK/WON/CD60-14/RTG; DK/WON/CD60-14,5/RTG; DK/WON/CD60-15/RTG; DK/WON/CD60-15,5/RTG
692 DK/MFC-12,5; DK/MFC-15; DK/MFC-18
694 DK/MFC-25; DK/MFC-27,5; DK/MFC-30
696 DK/MFC-37,5; DK/MFC-40; DK/MFC-55; DK/MFC-60
698 ES/CD60-12,5/GIĘTA; EL/CD60-12,5/GIĘTA; WP/CD60-12,5/GIĘTA
700 DK/WO/CD60-12,5/SONIC
702 DK/WO/CD60-12,5/SONIC
704 DK/WON/CD60-12,5; DK/WON/CD60-25; DK/WON/CD60-37,5; DK/WON/CD60-50; DK/WON/CD60-62,5
706 DK/PG/UA/CD60-12,5; DK/PG/UA/CD60-25
708 DK/PG/UA/CD60-60/MW;

nida Sufit / index of systems



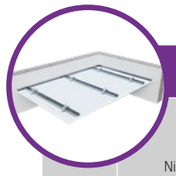
Page	Nida Sufit system name	Frame structure: Type of Nida profile	Frame structure: Max. spacing of the Nida load-bearing profiles [mm]	Frame structure: Max. spacing of the suspension elements [mm]	Plasterboard sheathing: Nida	Plasterboard sheathing: Thickness [mm]	Min. suspension height [mm]	Weight of 1m² of encasement [kg]	Fire resistance class [min]	Max. load of Nida ceiling: Without fire resistance [1] [kg/m²]	Max. load of Nida ceiling: With fire resistance [2] [kg/m²]	Resistance to impact [3] Class
THE SYSTEM OF CEILING SHEATHING ON THE NIDA PK48 TOP-HAT PROFILES												
603	PK48/12,5/Expert	PK48	400/500	1200	Expert	12,5	27,5	9,9	-	30/24	-	1A
603	PK48/12,5/Woda [4]	PK48	400/500	1200	Woda	12,5	27,5	10,4	-	30/24	-	1A
603	PK48/12,5/Ogień+	PK48	400	900	Ogień Plus	12,5	27,5	11,7	(R)EI20	66	7,5	1A
603	PK48/12,5/WodaOgień+	PK48	400	900	Woda Ogień Plus	12,5	27,5	11,7	(R)EI20	66	7,5	1A
603	PK48/12,5/Twarda	PK48	400	900	Twarda	12,5	27,5	14,5	(R)EI20	66	7,5	1A
603	PK48/12,5/Hydro	PK48	400	900	Hydro	12,5	27,5	12,5	(R)EI20	66	7,5	1A
603	PK48/15/Ogień+	PK48	400	900	Ogień Plus	15	30	15,2	(R)EI20	66	7,5	1A
603	PK48/15/Twarda	PK48	400	900	Twarda	15	30	17,1	(R)EI20	66	7,5	1A
603	PK48/15/Hydro	PK48	400	900	Hydro	15	30	15,2	(R)EI20	66	7,5	1A
603	PK48/18/Ogień+	PK48	400	900	Ogień Plus	18	33	15,9	(R)EI30	66	7,5	1A
605	PK48/25/Expert	PK48	400/500	1200	Expert	2x12,5	40	18,1	-	33/26	-	1A
605	PK48/25/Woda [4]	PK48	400/500	1200	Woda	2x12,5	40	19,1	-	33/26	-	1A
605	PK48/25/OgieńTypF	PK48	400	900	Ogień Typ F	2x12,5	40	18,9	(R)EI30	72	13,3	1A
605	PK48/25/Ogień+	PK48	400	900	Ogień Plus	2x12,5	40	21,7	(R)EI45	72	7,5	1A
605	PK48/25/WodaOgień+	PK48	400	900	Woda Ogień Plus	2x12,5	40	21,7	(R)EI45	72	7,5	1A
605	PK48/25/Twarda	PK48	400	900	Twarda	2x12,5	40	27,3	(R)EI45	72	7,5	1A
605	PK48/25/Hydro	PK48	400	900	Hydro	2x12,5	40	23,3	(R)EI45	72	7,5	1A
605	PK48/27,5/Ogień+ [5]	PK48	400	900	Ogień Plus	1x12,5+1x15,0	42,5	26,0	(R)EI60	72	7,5	1A
605	PK48/30/Ogień+	PK48	400	900	Ogień Plus	2x15,0	45	28,7	(R)EI60	72	7,5	1A
605	PK48/30/Twarda	PK48	400	900	Twarda	2x15,0	45	32,5	(R)EI60	72	7,5	1A
605	PK48/30/Hydro	PK48	400	900	Hydro	2x15,0	45	28,7	(R)EI60	72	7,5	1A
607	PK48/37,5/Ogień+	PK48	400	900	Ogień Plus	3x12,5	52,5	31,7	(R)EI60	88	7,5	1A
607	PK48/37,5/WodaOgień+	PK48	400	900	Woda Ogień Plus	3x12,5	52,5	31,7	(R)EI60	88	7,5	1A
607	PK48/37,5/Twarda	PK48	400	900	Twarda	3x12,5	52,5	40,1	(R)EI60	88	7,5	1A
607	PK48/37,5/Hydro	PK48	400	900	Hydro	3x12,5	52,5	34,1	(R)EI60	88	7,5	1A
607	PK48/40/Ogień+	PK48	400	850	Ogień Plus	2x12,5+15,0	55	35,2	(R)EI90	93	7,5	1A
607	PK48/40/Twarda	PK48	400	850	Twarda	2x12,5+15,0	55	42,7	(R)EI90	93	7,5	1A
607	PK48/40/Hydro	PK48	400	850	Hydro	2x12,5+15,0	55	36,8	(R)EI90	93	7,5	1A
607	PK48/55/Ogień+	PK48	400	750	Ogień Plus	2x12,5+2x15,0	75	48,7	(R)EI120	100	7,5	1A
607	PK48/60/Ogień+	PK48	400	750	Ogień Plus	4x15,0	75	55,7	(R)EI120	100	7,5	1A
607	PK48/60/Twarda	PK48	400	750	Twarda	4x15,0	75	63,3	(R)EI120	100	7,5	1A
607	PK48/60/Hydro	PK48	400	750	Hydro	4x15,0	75	55,7	(R)EI120	100	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[4] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).
[5] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.



Page	Nida Sufit system name	Frame structure: Type of Nida profile	Frame structure: Max. spacing of the Nida load-bearing profiles [mm]	Frame structure: Max. spacing of the suspension elements [mm]	Plasterboard sheathing: Nida	Plasterboard sheathing: Thickness [mm]	Min. suspension height [mm]	Weight of 1m² of encasement [kg]	Fire resistance class [min]	Max. load of Nida ceiling: Without fire resistance [1] [kg/m²]	Max. load of Nida ceiling: With fire resistance [2] [kg/m²]	Resistance to impact [3] Class
THE SYSTEM OF THE SUSPENDED CEILINGS ON THE NIDA CD60 (NIDA ES60) LOAD-BEARING STRUCTURE												
609	ES/CD60-12,5/Expert	CD60	400	1200	Expert	12,5	42,5	9,9	-	60	-	1A
609	ES/CD60-12,5/Woda [4]	CD60	400	1200	Woda	12,5	42,5	10,4	-	60	-	1A
609	ES/CD60-12,5/Ogień+	CD60	400	900	Ogień Plus	12,5	42,5	11,7	(R)EI20	80	7,5	1A
609	ES/CD60-12,5/ WodaOgień+	CD60	400	900	Woda Ogień Plus	12,5	42,5	11,7	(R)EI20	80	7,5	1A
609	ES/CD60-12,5/Twarda	CD60	400	900	Twarda	12,5	42,5	14,5	(R)EI20	80	7,5	1A
609	ES/CD60-12,5/Hydro	CD60	400	900	Hydro	12,5	42,5	12,5	(R)EI20	80	7,5	1A
609	ES/CD60-15/Ogień+	CD60	400	850	Ogień Plus	15	45	15,2	(R)EI20	85	7,5	1A
609	ES/CD60-15/Twarda	CD60	400	850	Twarda	15	45	17,1	(R)EI20	85	7,5	1A
609	ES/CD60-15/Hydro	CD60	400	850	Hydro	15	45	15,2	(R)EI20	85	7,5	1A
609	ES/CD60-18/Ogień+	CD60	400	850	Ogień Plus	18	48	15,9	(R)EI30	85	7,5	1A
611	ES/CD60-25/Expert	CD60	400	1200	Expert	2x12,5	55	18,1	-	65	-	1A
611	ES/CD60-25/Woda [4]	CD60	400	1200	Woda	2x12,5	55	19,1	-	65	-	1A
611	ES/CD60-25/OgieńTypF	CD60	400	850	Ogień Typ F	2x12,5	55	18,9	(R)EI30	92	13,3	1A
611	ES/CD60-25/Ogień+	CD60	400	850	Ogień Plus	2x12,5	55	21,7	(R)EI45	92	7,5	1A
611	ES/CD60-25/WodaOgień+	CD60	400	850	Woda Ogień Plus	2x12,5	55	21,7	(R)EI45	92	7,5	1A
611	ES/CD60-25/Twarda	CD60	400	850	Twarda	2x12,5	55	27,3	(R)EI45	92	7,5	1A
611	ES/CD60-25/Hydro	CD60	400	850	Hydro	2x12,5	55	23,3	(R)EI45	92	7,5	1A
611	ES/CD60-27,5/Ogień+ [5]	CD60	400	850	Ogień Plus	1x12,5+1x15,0	57,5	26,0	(R)EI60	92	7,5	1A
611	ES/CD60-30/Ogień+	CD60	400	850	Ogień Plus	2x15,0	60	28,7	(R)EI60	92	7,5	1A
611	ES/CD60-30/Twarda	CD60	400	850	Twarda	2x15,0	60	32,5	(R)EI60	92	7,5	1A
611	ES/CD60-30/Hydro	CD60	400	850	Hydro	2x15,0	60	28,7	(R)EI60	92	7,5	1A
613	ES/CD60-37,5/Ogień+	CD60	400	750	Ogień Plus	3x12,5	67,5	31,7	(R)EI60	100	7,5	1A
613	ES/CD60-37,5/ WodaOgień+	CD60	400	750	Woda Ogień Plus	3x12,5	67,5	31,7	(R)EI60	100	7,5	1A
613	ES/CD60-37,5/Twarda	CD60	400	750	Twarda	3x12,5	67,5	40,1	(R)EI60	100	7,5	1A
613	ES/CD60-37,5/Hydro	CD60	400	750	Hydro	3x12,5	67,5	34,1	(R)EI60	100	7,5	1A
613	ES/CD60-40/Ogień+	CD60	400	750	Ogień Plus	2x12,5+15,0	70	35,2	(R)EI90	100	7,5	1A
613	ES/CD60-40/Twarda	CD60	400	750	Twarda	2x12,5+15,0	70	42,7	(R)EI90	100	7,5	1A
613	ES/CD60-40/Hydro	CD60	400	750	Hydro	2x12,5+15,0	70	36,8	(R)EI90	100	7,5	1A
613	ES/CD60-55/Ogień+	CD60	400	650	Ogień Plus	2x12,5+2x15,0	90	48,7	(R)EI120	100	7,5	1A
613	ES/CD60-60/Ogień+	CD60	400	650	Ogień Plus	4x15,0	90	55,7	(R)EI120	100	7,5	1A
613	ES/CD60-60/Twarda	CD60	400	650	Twarda	4x15,0	90	63,3	(R)EI120	100	7,5	1A
613	ES/CD60-60/Hydro	CD60	400	650	Hydro	4x15,0	90	55,7	(R)EI120	100	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[4] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).
[5] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.

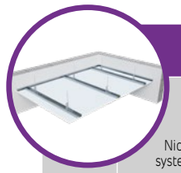


Page	Nida Sufit system name	Frame structure: Type of Nida profile	Frame structure: Max. spacing of the Nida load-bearing profiles [mm]	Frame structure: Max. spacing of the suspension elements [mm]	Plasterboard sheathing: Nida	Plasterboard sheathing: Thickness [mm]	Min. suspension height [mm]	Weight of 1m² of encasement [kg]	Fire resistance class [min]	Max. load of Nida ceiling: Without fire resistance [1] [kg/m²]	Max. load of Nida ceiling: With fire resistance [2] [kg/m²]	Resistance to impact [3] Class
THE SYSTEM OF THE SUSPENDED CEILINGS ON THE NIDA CD60 (NIDA EL60) LOAD-BEARING STRUCTURE												
615	EL/CD60-12,5/Expert	CD60	400	1200	Expert	12,5	62,5	9,9	-	60	-	1A
615	EL/CD60-12,5/Woda [4]	CD60	400	1200	Woda	12,5	62,5	10,4	-	60	-	1A
615	EL/CD60-12,5/Ogień+	CD60	400	900	Ogień Plus	12,5	62,5	11,7	(R)EI20	80	7,5	1A
615	EL/CD60-12,5/ WodaOgień+	CD60	400	900	Woda Ogień Plus	12,5	62,5	11,7	(R)EI20	80	7,5	1A
615	EL/CD60-12,5/Twarda	CD60	400	900	Twarda	12,5	62,5	14,5	(R)EI20	80	7,5	1A
615	EL/CD60-12,5/Hydro	CD60	400	900	Hydro	12,5	62,5	12,5	(R)EI20	80	7,5	1A
615	EL/CD60-15/Ogień+	CD60	400	850	Ogień Plus	15	65	15,2	(R)EI20	85	7,5	1A
615	EL/CD60-15/Twarda	CD60	400	850	Twarda	15	65	17,1	(R)EI20	85	7,5	1A
615	EL/CD60-15/Hydro	CD60	400	850	Hydro	15	65	15,2	(R)EI20	85	7,5	1A
615	EL/CD60-18/Ogień+	CD60	400	850	Ogień Plus	18	68	15,9	(R)EI30	85	7,5	1A
617	EL/CD60-25/Expert	CD60	400	1200	Expert	2x12,5	75	18,1	-	65	-	1A
617	EL/CD60-25/Woda [4]	CD60	400	1200	Woda	2x12,5	75	19,1	-	65	-	1A
617	EL/CD60-25/OgieńTypF	CD60	400	850	Ogień Typ F	2x12,5	75	18,9	(R)EI30	92	13,3	1A
617	EL/CD60-25/Ogień+	CD60	400	850	Ogień Plus	2x12,5	75	21,7	(R)EI45	92	7,5	1A
617	EL/CD60-25/WodaOgień+	CD60	400	850	Woda Ogień Plus	2x12,5	75	21,7	(R)EI45	92	7,5	1A
617	EL/CD60-25/Twarda	CD60	400	850	Twarda	2x12,5	75	27,3	(R)EI45	92	7,5	1A
617	EL/CD60-25/Hydro	CD60	400	850	Hydro	2x12,5	75	23,3	(R)EI45	92	7,5	1A
617	EL/CD60-27,5/Ogień+ [5]	CD60	400	850	Ogień Plus	1x12,5+1x15,0	77,5	26,0	(R)EI60	92	7,5	1A
617	EL/CD60-30/Ogień+	CD60	400	850	Ogień Plus	2x15,0	80	28,7	(R)EI60	92	7,5	1A
617	EL/CD60-30/Twarda	CD60	400	850	Twarda	2x15,0	80	32,5	(R)EI60	92	7,5	1A
617	EL/CD60-30/Hydro	CD60	400	850	Hydro	2x15,0	80	28,7	(R)EI60	92	7,5	1A
619	EL/CD60-37,5/Ogień+	CD60	400	750	Ogień Plus	3x12,5	87,5	31,7	(R)EI60	100	7,5	1A
619	EL/CD60-37,5/ WodaOgień+	CD60	400	750	Woda Ogień Plus	3x12,5	87,5	31,7	(R)EI60	100	7,5	1A
619	EL/CD60-37,5/Twarda	CD60	400	750	Twarda	3x12,5	87,5	40,1	(R)EI60	100	7,5	1A
619	EL/CD60-37,5/Hydro	CD60	400	750	Hydro	3x12,5	87,5	34,1	(R)EI60	100	7,5	1A
619	EL/CD60-40/Ogień+	CD60	400	750	Ogień Plus	2x12,5+15,0	90	35,2	(R)EI90	100	7,5	1A
619	EL/CD60-40/Twarda	CD60	400	750	Twarda	2x12,5+15,0	90	42,7	(R)EI90	100	7,5	1A
619	EL/CD60-40/Hydro	CD60	400	750	Hydro	2x12,5+15,0	90	36,8	(R)EI90	100	7,5	1A
619	EL/CD60-55/Ogień+	CD60	400	650	Ogień Plus	2x12,5+2x15,0	110	48,7	(R)EI120	100	7,5	1A
619	EL/CD60-60/Ogień+	CD60	400	650	Ogień Plus	4x15,0	110	55,7	(R)EI120	100	7,5	1A
619	EL/CD60-60/Twarda	CD60	400	650	Twarda	4x15,0	110	63,3	(R)EI120	100	7,5	1A
619	EL/CD60-60/Hydro	CD60	400	650	Hydro	4x15,0	110	55,7	(R)EI120	100	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[4] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).
[5] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.

Page	Nida Sufit system name	Frame structure: Type of Nida profile	Frame structure: Max. spacing of the Nida load-bearing profiles [mm]	Frame structure: Max. spacing of the suspension elements [mm]	Plasterboard sheathing: Nida	Plasterboard sheathing: Thickness [mm]	Min. suspension height [mm]	Weight of 1m² of encasement [kg]	Fire resistance class [min]	Max. load of Nida ceiling: Without fire resistance [1] [kg/m²]	Max. load of Nida ceiling: With fire resistance [2] [kg/m²]	Resistance to impact [3] Class
THE SYSTEM OF THE SUSPENDED CEILINGS ON THE NIDA CD60 (NIDA WP60) LOAD-BEARING STRUCTURE												
621	WP/CD60-12,5/Expert	CD60	400	1200	Expert	12,5	62,5	9,9	-	60	-	1A
621	WP/CD60-12,5/Woda [4]	CD60	400	1200	Woda	12,5	62,5	10,4	-	60	-	1A
621	WP/CD60-12,5/Ogień+	CD60	400	900	Ogień Plus	12,5	62,5	11,7	(R)EI20	80	7,5	1A
621	WP/CD60-12,5/ WodaOgień+	CD60	400	900	Woda Ogień Plus	12,5	62,5	11,7	(R)EI20	80	7,5	1A
621	WP/CD60-12,5/Twarda	CD60	400	900	Twarda	12,5	62,5	14,5	(R)EI20	80	7,5	1A
621	WP/CD60-12,5/Hydro	CD60	400	900	Hydro	12,5	62,5	12,5	(R)EI20	80	7,5	1A
621	WP/CD60-15/Ogień+	CD60	400	850	Ogień Plus	15	65	15,2	(R)EI20	85	7,5	1A
621	WP/CD60-15/Twarda	CD60	400	850	Twarda	15	65	17,1	(R)EI20	85	7,5	1A
621	WP/CD60-15/Hydro	CD60	400	850	Hydro	15	65	15,2	(R)EI20	85	7,5	1A
621	WP/CD60-18/Ogień+	CD60	400	850	Ogień Plus	18	68	15,9	(R)EI30	85	7,5	1A
623	WP/CD60-25/Expert	CD60	400	1200	Expert	2x12,5	75	18,1	-	65	-	1A
623	WP/CD60-25/Woda [4]	CD60	400	1200	Woda	2x12,5	75	19,1	-	65	-	1A
623	WP/CD60-25/OgieńTypF	CD60	400	850	Ogień Typ F	2x12,5	75	18,9	(R)EI30	92	13,3	1A
623	WP/CD60-25/Ogień+	CD60	400	850	Ogień Plus	2x12,5	75	21,7	(R)EI45	92	7,5	1A
623	WP/CD60-25/ WodaOgień+	CD60	400	850	Woda Ogień Plus	2x12,5	75	21,7	(R)EI45	92	7,5	1A
623	WP/CD60-25/Twarda	CD60	400	850	Twarda	2x12,5	75	27,3	(R)EI45	92	7,5	1A
623	WP/CD60-25/Hydro	CD60	400	850	Hydro	2x12,5	75	23,3	(R)EI45	92	7,5	1A
623	WP/CD60-27,5/Ogień+ [5]	CD60	400	850	Ogień Plus	1x12,5+1x15,0	77,5	26,0	(R)EI60	92	7,5	1A
623	WP/CD60-30/Ogień+	CD60	400	850	Ogień Plus	2x15,0	80	28,7	(R)EI60	92	7,5	1A
623	WP/CD60-30/Twarda	CD60	400	850	Twarda	2x15,0	80	32,5	(R)EI60	92	7,5	1A
623	WP/CD60-30/Hydro	CD60	400	850	Hydro	2x15,0	80	28,7	(R)EI60	92	7,5	1A
625	WP/CD60-37,5/Ogień+	CD60	400	750	Ogień Plus	3x12,5	87,5	31,7	(R)EI60	100	7,5	1A
625	WP/CD60-37,5/ WodaOgień+	CD60	400	750	Woda Ogień Plus	3x12,5	87,5	31,7	(R)EI60	100	7,5	1A
625	WP/CD60-37,5/Twarda	CD60	400	750	Twarda	3x12,5	87,5	40,1	(R)EI60	100	7,5	1A
625	WP/CD60-37,5/Hydro	CD60	400	750	Hydro	3x12,5	87,5	34,1	(R)EI60	100	7,5	1A
625	WP/CD60-40/Ogień+	CD60	400	750	Ogień Plus	2x12,5+15,0	90	35,2	(R)EI90	100	7,5	1A
625	WP/CD60-40/Twarda	CD60	400	750	Twarda	2x12,5+15,0	90	42,7	(R)EI90	100	7,5	1A
625	WP/CD60-40/Hydro	CD60	400	750	Hydro	2x12,5+15,0	90	36,8	(R)EI90	100	7,5	1A
625	WP/CD60-55/Ogień+	CD60	400	650	Ogień Plus	2x12,5+2x15,0	110	48,7	(R)EI120	100	7,5	1A
625	WP/CD60-60/Ogień+	CD60	400	650	Ogień Plus	4x15,0	110	55,7	(R)EI120	100	7,5	1A
625	WP/CD60-60/Twarda	CD60	400	650	Twarda	4x15,0	110	63,3	(R)EI120	100	7,5	1A
625	WP/CD60-60/Hydro	CD60	400	650	Hydro	4x15,0	110	55,7	(R)EI120	100	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[4] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).
[5] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.



Page	Nida Sufit system name	Frame structure: Type of Nida profile	Frame structure: Max. spacing of the Nida load-bearing profiles [mm]	Frame structure: Max. spacing of the suspension elements [mm]	Plasterboard sheathing: Nida	Plasterboard sheathing: Thickness [mm]	Min. suspension height [mm]	Weight of 1m² of encasement [kg]	Fire resistance class [min]	Max. load of Nida ceiling: Without fire resistance [1] [kg/m²]	Max. load of Nida ceiling: With fire resistance [kg/m²]	Resistance to impact [3] Class
THE SYSTEM OF THE SUSPENDED CEILINGS ON THE NIDA CD60 (NIDA WO60) LOAD-BEARING STRUCTURE												
627	WO/CD60-12,5/Expert	CD60	400	1200	Expert	12,5	192,5	9,9	-	60	-	-
627	WO/CD60-12,5/Woda [4]	CD60	400	1200	Woda	12,5	192,5	10,4	-	60	-	-
627	WO/CD60-25/Expert	CD60	400	1200	Expert	2x12,5	205	18,1	-	65	-	-
627	WO/CD60-25/Woda [4]	CD60	400	1200	Woda	2x12,5	205	19,1	-	65	-	-

Page	Nida Sufit system name	Frame structure: Type of Nida profile	Frame structure: Max. spacing of the Nida load-bearing profiles [mm]	Frame structure: Max. spacing of the suspension elements [mm]	Plasterboard sheathing: Nida	Plasterboard sheathing: Thickness [mm]	Min. suspension height [mm]	Weight of 1m² of encasement [kg]	Fire resistance class [min]	Max. load of Nida ceiling: Without fire resistance [1] [kg/m²]	Max. load of Nida ceiling: With fire resistance [2] [kg/m²]	Resistance to impact [3] Class
THE SYSTEM OF THE SUSPENDED CEILINGS ON THE NIDA CD60 (NIDA WON60) LOAD-BEARING STRUCTURE												
629	WON/CD60-12,5/Expert	CD60	400	1200	Expert	12,5	192,5	9,9	-	60	-	1A
629	WON/CD60-12,5/Woda [4]	CD60	400	1200	Woda	12,5	192,5	10,4	-	60	-	1A
629	WON/CD60-12,5/Ogień+	CD60	400	900	Ogień Plus	12,5	192,5	11,7	(R)EI20	80	7,5	1A
629	WON/CD60-12,5/ WodaOgień+	CD60	400	900	Woda Ogień Plus	12,5	192,5	11,7	(R)EI20	80	7,5	1A
629	WON/CD60-12,5/Twarda	CD60	400	900	Twarda	12,5	192,5	14,5	(R)EI20	80	7,5	1A
629	WON/CD60-12,5/Hydro	CD60	400	900	Hydro	12,5	192,5	12,5	(R)EI20	80	7,5	1A
629	WON/CD60-15/Ogień+	CD60	400	850	Ogień Plus	15	195	15,2	(R)EI20	85	7,5	1A
629	WON/CD60-15/Twarda	CD60	400	850	Twarda	15	195	17,1	(R)EI20	85	7,5	1A
629	WON/CD60-15/Hydro	CD60	400	850	Hydro	15	195	15,2	(R)EI20	85	7,5	1A
629	WON/CD60-18/Ogień+	CD60	400	850	Ogień Plus	18	198	15,9	(R)EI30	85	7,5	1A
631	WON/CD60-25/Expert	CD60	400	1200	Expert	2x12,5	205	18,1	-	65	-	1A
631	WON/CD60-25/Woda [4]	CD60	400	1200	Woda	2x12,5	205	19,1	-	65	-	1A
631	WON/CD60-25/ OgieńTypF	CD60	400	850	Ogień Typ F	2x12,5	205	18,9	(R)EI30	92	13,3	1A
631	WON/CD60-25/Ogień+	CD60	400	850	Ogień Plus	2x12,5	205	21,7	(R)EI45	92	7,5	1A
631	WON/CD60-25/ WodaOgień+	CD60	400	850	Woda Ogień Plus	2x12,5	205	21,7	(R)EI45	92	7,5	1A
631	WON/CD60-25/Twarda	CD60	400	850	Twarda	2x12,5	205	27,3	(R)EI45	92	7,5	1A
631	WON/CD60-25/Hydro	CD60	400	850	Hydro	2x12,5	205	23,3	(R)EI45	92	7,5	1A
631	WON/CD60-27,5/Ogień+ [5]	CD60	400	850	Ogień Plus	1x12,5+1x15,0	207,5	26,0	(R)EI60	92	7,5	1A
631	WON/CD60-30/Ogień+	CD60	400	850	Ogień Plus	2x15,0	210	28,7	(R)EI60	92	7,5	1A
631	WON/CD60-30/Twarda	CD60	400	850	Twarda	2x15,0	210	32,5	(R)EI60	92	7,5	1A
631	WON/CD60-30/Hydro	CD60	400	850	Hydro	2x15,0	210	28,7	(R)EI60	92	7,5	1A
633	WON/CD60-37,5/Ogień+	CD60	400	750	Ogień Plus	3x12,5	217,5	31,7	(R)EI60	100	7,5	1A
633	WON/CD60-37,5/ WodaOgień+	CD60	400	750	Woda Ogień Plus	3x12,5	217,5	31,7	(R)EI60	100	7,5	1A
633	WON/CD60-37,5/Twarda	CD60	400	750	Twarda	3x12,5	217,5	40,1	(R)EI60	100	7,5	1A
633	WON/CD60-37,5/Hydro	CD60	400	750	Hydro	3x12,5	217,5	34,1	(R)EI60	100	7,5	1A
633	WON/CD60-40/Ogień+	CD60	400	750	Ogień Plus	2x12,5+15,0	220	35,2	(R)EI90	100	7,5	1A
633	WON/CD60-40/Twarda	CD60	400	750	Twarda	2x12,5+15,0	220	42,7	(R)EI90	100	7,5	1A
633	WON/CD60-40/Hydro	CD60	400	750	Hydro	2x12,5+15,0	220	36,8	(R)EI90	100	7,5	1A
633	WON/CD60-55/Ogień+	CD60	400	650	Ogień Plus	2x12,5+2x15,0	240	48,7	(R)EI120	100	7,5	1A
633	WON/CD60-60/Ogień+	CD60	400	650	Ogień Plus	4x15,0	240	55,7	(R)EI120	100	7,5	1A
633	WON/CD60-60/Twarda	CD60	400	650	Twarda	4x15,0	240	63,3	(R)EI120	100	7,5	1A
633	WON/CD60-60/Hydro	CD60	400	650	Hydro	4x15,0	240	55,7	(R)EI120	100	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[4] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).
[5] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.

Page	Nida Sufit system name	Frame structure: Type of Nida profile	Frame structure: Max. spacing of the Nida CD60 main profiles [mm]	Frame structure: Max. spacing of the Nida CD60 load-bearing profiles [mm]	Frame structure: Max. spacing of the suspension elements [mm]	Plasterboard sheathing: Nida	Plasterboard sheathing: Thickness [mm]	Min. suspension height [mm]	Weight of 1m² of encase-ment [kg]	Fire resistance class [min]	Max. load of Nida ceiling: Without fire resistance [1] [kg/m²]	Max. load of Nida ceiling: With fire resistance [2] [kg/m²]	Resistance to impact [3] Class
THE SYSTEM OF THE SUSPENDED CEILINGS ON THE SINGLE-LEVEL NIDA CD60 (NIDA ES60) LOAD-BEARING STRUCTURE													
635	JK/ES/CD60-12,5/Expert	CD60/CD60	1200	500	1200	Expert	12,5	42,5	10,9	-	23	-	1A
635	JK/ES/CD60-12,5/Woda [4]	CD60/CD60	1200	500	1200	Woda	12,5	42,5	11,4	-	23	-	1A
635	JK/ES/CD60-12,5/Ogień+	CD60/CD60	1000	400	900	Ogień Plus	12,5	42,5	12,7	(R)EI20	41	7,5	1A
635	JK/ES/CD60-12,5/ WodaOgień+	CD60/CD60	1000	400	900	Woda Ogień Plus	12,5	42,5	12,7	(R)EI20	41	7,5	1A
635	JK/ES/CD60-12,5/Twarda	CD60/CD60	1000	400	900	Twarda	12,5	42,5	15,5	(R)EI20	41	7,5	1A
635	JK/ES/CD60-12,5/Hydro	CD60/CD60	1000	400	900	Hydro	12,5	42,5	13,5	(R)EI20	41	7,5	1A
635	JK/ES/CD60-15/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	15	45	16,2	(R)EI20	44	7,5	1A
635	JK/ES/CD60-15/Twarda	CD60/CD60	1000	400	850	Twarda	15	45	18,1	(R)EI20	44	7,5	1A
635	JK/ES/CD60-15/Hydro	CD60/CD60	1000	400	850	Hydro	15	45	16,2	(R)EI20	44	7,5	1A
635	JK/ES/CD60-18/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	18	48	16,9	(R)EI30	44	7,5	1A
637	JK/ES/CD60-25/Expert	CD60/CD60	1200	500	1200	Expert	2x12,5	55	19,1	-	25	-	1A
637	JK/ES/CD60-25/Woda [4]	CD60/CD60	1200	500	1200	Woda	2x12,5	55	20,1	-	25	-	1A
637	JK/ES/CD60-25/OgieńTypF	CD60/CD60	1000	400	850	Ogień Typ F	2x12,5	55	19,9	(R)EI30	47	13,3	1A
637	JK/ES/CD60-25/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	2x12,5	55	22,7	(R)EI45	47	7,5	1A
637	JK/ES/CD60-25/ WodaOgień+	CD60/CD60	1000	400	850	Woda Ogień Plus	2x12,5	55	22,7	(R)EI45	47	7,5	1A
637	JK/ES/CD60-25/Twarda	CD60/CD60	1000	400	850	Twarda	2x12,5	55	28,3	(R)EI45	47	7,5	1A
637	JK/ES/CD60-25/Hydro	CD60/CD60	1000	400	850	Hydro	2x12,5	55	24,3	(R)EI45	47	7,5	1A
637	JK/ES/CD60-27,5/Ogień+ [5]	CD60/CD60	1000	400	850	Ogień Plus	1x12,5+15,0	57,5	27,0	(R)EI60	47	7,5	1A
637	JK/ES/CD60-30/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	2x15,0	60	29,7	(R)EI60	47	7,5	1A
637	JK/ES/CD60-30/Twarda	CD60/CD60	1000	400	850	Twarda	2x15,0	60	33,5	(R)EI60	47	7,5	1A
637	JK/ES/CD60-30/Hydro	CD60/CD60	1000	400	850	Hydro	2x15,0	60	29,7	(R)EI60	47	7,5	1A
639	JK/ES/CD60-37,5/Ogień+	CD60/CD60	1000	400	750	Ogień Plus	3x12,5	67,5	32,7	(R)EI60	65	7,5	1A
639	JK/ES/CD60-37,5/ WodaOgień+	CD60/CD60	1000	400	750	Woda Ogień Plus	3x12,5	67,5	32,7	(R)EI60	65	7,5	1A
639	JK/ES/CD60-37,5/Twarda	CD60/CD60	1000	400	750	Twarda	3x12,5	67,5	41,1	(R)EI60	65	7,5	1A
639	JK/ES/CD60-37,5/Hydro	CD60/CD60	1000	400	750	Hydro	3x12,5	67,5	35,1	(R)EI60	65	7,5	1A
639	JK/ES/CD60-40/Ogień+	CD60/CD60	850	400	750	Ogień Plus	2x12,5+15,0	70	36,2	(R)EI90	65	7,5	1A
639	JK/ES/CD60-40/Twarda	CD60/CD60	850	400	750	Twarda	2x12,5+15,0	70	43,7	(R)EI90	65	7,5	1A
639	JK/ES/CD60-40/Hydro	CD60/CD60	850	400	750	Hydro	2x12,5+15,0	70	37,8	(R)EI90	65	7,5	1A
639	JK/ES/CD60-55/Ogień+	CD60/CD60	650	400	650	Ogień Plus	2x12,5+2x15,0	90	49,7	(R)EI120	75	7,5	1A
639	JK/ES/CD60-60/Ogień+	CD60/CD60	650	400	650	Ogień Plus	4x15,0	90	56,7	(R)EI120	75	7,5	1A
639	JK/ES/CD60-60/Twarda	CD60/CD60	650	400	650	Twarda	4x15,0	90	64,3	(R)EI120	75	7,5	1A
639	JK/ES/CD60-60/Hydro	CD60/CD60	650	400	650	Hydro	4x15,0	90	56,7	(R)EI120	75	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[4] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.)
[5] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.

Page	Nida Sufit system name	Frame structure: Type of Nida profile	Frame structure: Max. spacing of the Nida CD60 main profiles [mm]	Frame structure: Max. spacing of the Nida CD60 load-bearing profiles [mm]	Frame structure: Max. spacing of the suspension elements [mm]	Plasterboard sheathing: Nida	Plasterboard sheathing: Thickness [mm]	Min. suspension height [mm]	Weight of 1m² of encasement [kg]	Fire resistance class [min]	Max. load of Nida ceiling: Without fire resistance [1] [kg/m²]	Max. load of Nida ceiling: With fire resistance [2] [kg/m²]	Resistance to impact [3] Class
THE SYSTEM OF THE SUSPENDED CEILINGS ON THE SINGLE-LEVEL NIDA CD60 (NIDA EL60) LOAD-BEARING STRUCTURE													
641	JK/EL/CD60-12,5/Expert	CD60/CD60	1200	500	1200	Expert	12,5	62,5	10,9	-	23	-	1A
641	JK/EL/CD60-12,5/Woda [4]	CD60/CD60	1200	500	1200	Woda	12,5	62,5	11,4	-	23	-	1A
641	JK/EL/CD60-12,5/Ogień+	CD60/CD60	1000	400	900	Ogień Plus	12,5	62,5	12,7	(R)EI20	41	7,5	1A
641	JK/EL/CD60-12,5/ WodaOgień+	CD60/CD60	1000	400	900	Woda Ogień Plus	12,5	62,5	12,7	(R)EI20	41	7,5	1A
641	JK/EL/CD60-12,5/Twarda	CD60/CD60	1000	400	900	Twarda	12,5	62,5	15,5	(R)EI20	41	7,5	1A
641	JK/EL/CD60-12,5/Hydro	CD60/CD60	1000	400	900	Hydro	12,5	62,5	13,5	(R)EI20	41	7,5	1A
641	JK/EL/CD60-15/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	15	65	16,2	(R)EI20	44	7,5	1A
641	JK/EL/CD60-15/Twarda	CD60/CD60	1000	400	850	Twarda	15	65	18,1	(R)EI20	44	7,5	1A
641	JK/EL/CD60-15/Hydro	CD60/CD60	1000	400	850	Hydro	15	65	16,2	(R)EI20	44	7,5	1A
641	JK/EL/CD60-18/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	18	68	16,9	(R)EI30	44	7,5	1A
643	JK/EL/CD60-25/Expert	CD60/CD60	1200	500	1200	Expert	2x12,5	75	19,1	-	25	-	1A
643	JK/EL/CD60-25/Woda [4]	CD60/CD60	1200	500	1200	Woda	2x12,5	75	20,1	-	25	-	1A
643	JK/EL/CD60-25/OgieńTypF	CD60/CD60	1000	400	850	Ogień Typ F	2x12,5	75	19,9	(R)EI30	47	13,3	1A
643	JK/EL/CD60-25/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	2x12,5	75	22,7	(R)EI45	47	7,5	1A
643	JK/EL/CD60-25/ WodaOgień+	CD60/CD60	1000	400	850	Woda Ogień Plus	2x12,5	75	22,7	(R)EI45	47	7,5	1A
643	JK/EL/CD60-25/Twarda	CD60/CD60	1000	400	850	Twarda	2x12,5	75	28,3	(R)EI45	47	7,5	1A
643	JK/EL/CD60-25/Hydro	CD60/CD60	1000	400	850	Hydro	2x12,5	75	24,3	(R)EI45	47	7,5	1A
643	JK/EL/CD60-27,5/Ogień+ [5]	CD60/CD60	1000	400	850	Ogień Plus	1x12,5+1x15,0	77,5	27,0	(R)EI60	47	7,5	1A
643	JK/EL/CD60-30/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	2x15,0	80	29,7	(R)EI60	47	7,5	1A
643	JK/EL/CD60-30/Twarda	CD60/CD60	1000	400	850	Twarda	2x15,0	80	33,5	(R)EI60	47	7,5	1A
643	JK/EL/CD60-30/Hydro	CD60/CD60	1000	400	850	Hydro	2x15,0	80	29,7	(R)EI60	47	7,5	1A
645	JK/EL/CD60-37,5/Ogień+	CD60/CD60	1000	400	750	Ogień Plus	3x12,5	87,5	32,7	(R)EI60	65	7,5	1A
645	JK/EL/CD60-37,5/ WodaOgień+	CD60/CD60	1000	400	750	Woda Ogień Plus	3x12,5	87,5	32,7	(R)EI60	65	7,5	1A
645	JK/EL/CD60-37,5/Twarda	CD60/CD60	1000	400	750	Twarda	3x12,5	87,5	41,1	(R)EI60	65	7,5	1A
645	JK/EL/CD60-37,5/Hydro	CD60/CD60	1000	400	750	Hydro	3x12,5	87,5	35,1	(R)EI60	65	7,5	1A
645	JK/EL/CD60-40/Ogień+	CD60/CD60	850	400	750	Ogień Plus	2x12,5+15,0	90	36,2	(R)EI90	65	7,5	1A
645	JK/EL/CD60-40/Twarda	CD60/CD60	850	400	750	Twarda	2x12,5+15,0	90	43,7	(R)EI90	65	7,5	1A
645	JK/EL/CD60-40/Hydro	CD60/CD60	850	400	750	Hydro	2x12,5+15,0	90	37,8	(R)EI90	65	7,5	1A
645	JK/EL/CD60-55/Ogień+	CD60/CD60	650	400	650	Ogień Plus	2x12,5+2x15,0	110	49,7	(R)EI120	75	7,5	1A
645	JK/EL/CD60-60/Ogień+	CD60/CD60	650	400	650	Ogień Plus	4x15,0	110	56,7	(R)EI120	75	7,5	1A
645	JK/EL/CD60-60/Twarda	CD60/CD60	650	400	650	Twarda	4x15,0	110	64,3	(R)EI120	75	7,5	1A
645	JK/EL/CD60-60/Hydro	CD60/CD60	650	400	650	Hydro	4x15,0	110	56,7	(R)EI120	75	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[4] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).
[5] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.

Page	Nida Sufit system name	Frame structure: Type of Nida profile	Frame structure: Max. spacing of the Nida CD60 main profiles [mm]	Frame structure: Max. spacing of the Nida CD60 load-bearing profiles [mm]	Frame structure: Max. spacing of the suspension elements [mm]	Plasterboard sheathing: Nida	Plasterboard sheathing: Thickness [mm]	Min. suspension height [mm]	Weight of 1m² of encasement [kg]	Fire resistance class [min]	Max. load of Nida ceiling: Without fire resistance [1] [kg/m²]	Max. load of Nida ceiling: With fire resistance [2] [kg/m²]	Resistance to impact [3] Class
THE SYSTEM OF THE SUSPENDED CEILINGS ON THE SINGLE-LEVEL NIDA CD60 (NIDA WP60) LOAD-BEARING STRUCTURE													
647	JK/WP/CD60-12,5/Expert	CD60/CD60	1200	500	1200	Expert	12,5	62,5	10,9	-	23	-	1A
647	JK/WP/CD60-12,5/Woda [4]	CD60/CD60	1200	500	1200	Woda	12,5	62,5	11,4	-	23	-	1A
647	JK/WP/CD60-12,5/Ogień+	CD60/CD60	1000	400	900	Ogień Plus	12,5	62,5	12,7	(R)EI20	41	7,5	1A
647	JK/WP/CD60-12,5/ WodaOgień+	CD60/CD60	1000	400	900	Woda Ogień Plus	12,5	62,5	12,7	(R)EI20	41	7,5	1A
647	JK/WP/CD60-12,5/Twarda	CD60/CD60	1000	400	900	Twarda	12,5	62,5	15,5	(R)EI20	41	7,5	1A
647	JK/WP/CD60-12,5/Hydro	CD60/CD60	1000	400	900	Hydro	12,5	62,5	13,5	(R)EI20	41	7,5	1A
647	JK/WP/CD60-15/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	15	65	16,2	(R)EI20	44	7,5	1A
647	JK/WP/CD60-15/Twarda	CD60/CD60	1000	400	850	Twarda	15	65	18,1	(R)EI20	44	7,5	1A
647	JK/WP/CD60-15/Hydro	CD60/CD60	1000	400	850	Hydro	15	65	16,2	(R)EI20	44	7,5	1A
647	JK/WP/CD60-18/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	18	68	16,9	(R)EI30	44	7,5	1A
649	JK/WP/CD60-25/Expert	CD60/CD60	1200	500	1200	Expert	2x12,5	75	19,1	-	25	-	1A
649	JK/WP/CD60-25/Woda [4]	CD60/CD60	1200	500	1200	Woda	2x12,5	75	20,1	-	25	-	1A
649	JK/WP/CD60-25/ OgieńTypF	CD60/CD60	1000	400	850	Ogień Typ F	2x12,5	75	19,9	(R)EI30	47	13,3	1A
649	JK/WP/CD60-25/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	2x12,5	75	22,7	(R)EI45	47	7,5	1A
649	JK/WP/CD60-25/ WodaOgień+	CD60/CD60	1000	400	850	Woda Ogień Plus	2x12,5	75	22,7	(R)EI45	47	7,5	1A
649	JK/WP/CD60-25/Twarda	CD60/CD60	1000	400	850	Twarda	2x12,5	75	28,3	(R)EI45	47	7,5	1A
649	JK/WP/CD60-25/Hydro	CD60/CD60	1000	400	850	Hydro	2x12,5	75	24,3	(R)EI45	47	7,5	1A
649	JK/WP/CD60-27,5/Ogień+ [5]	CD60/CD60	1000	400	850	Ogień Plus	1x12,5+15,0	77,5	27,0	(R)EI60	47	7,5	1A
649	JK/WP/CD60-30/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	2x15,0	80	29,7	(R)EI60	47	7,5	1A
649	JK/WP/CD60-30/Twarda	CD60/CD60	1000	400	850	Twarda	2x15,0	80	33,5	(R)EI60	47	7,5	1A
649	JK/WP/CD60-30/Hydro	CD60/CD60	1000	400	850	Hydro	2x15,0	80	29,7	(R)EI60	47	7,5	1A
651	JK/WP/CD60-37,5/Ogień+	CD60/CD60	1000	400	750	Ogień Plus	3x12,5	87,5	32,7	(R)EI60	65	7,5	1A
651	JK/WP/CD60-37,5/ WodaOgień+	CD60/CD60	1000	400	750	Woda Ogień Plus	3x12,5	87,5	32,7	(R)EI60	65	7,5	1A
651	JK/WP/CD60-37,5/Twarda	CD60/CD60	1000	400	750	Twarda	3x12,5	87,5	41,1	(R)EI60	65	7,5	1A
651	JK/WP/CD60-37,5/Hydro	CD60/CD60	1000	400	750	Hydro	3x12,5	87,5	35,1	(R)EI60	65	7,5	1A
651	JK/WP/CD60-40/Ogień+	CD60/CD60	850	400	750	Ogień Plus	2x12,5+15,0	90	36,2	(R)EI90	65	7,5	1A
651	JK/WP/CD60-40/Twarda	CD60/CD60	850	400	750	Twarda	2x12,5+15,0	90	43,7	(R)EI90	65	7,5	1A
651	JK/WP/CD60-40/Hydro	CD60/CD60	850	400	750	Hydro	2x12,5+15,0	90	37,8	(R)EI90	65	7,5	1A
651	JK/WP/CD60-55/Ogień+	CD60/CD60	650	400	650	Ogień Plus	2x12,5+2x15,0	110	49,7	(R)EI120	75	7,5	1A
651	JK/WP/CD60-60/Ogień+	CD60/CD60	650	400	650	Ogień Plus	4x15,0	110	56,7	(R)EI120	75	7,5	1A
651	JK/WP/CD60-60/Twarda	CD60/CD60	650	400	650	Twarda	4x15,0	110	64,3	(R)EI120	75	7,5	1A
651	JK/WP/CD60-60/Hydro	CD60/CD60	650	400	650	Hydro	4x15,0	110	56,7	(R)EI120	75	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[4] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).
[5] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.

Page	Nida Sufit system name	Frame structure: Type of Nida profile	Frame structure: Max. spacing of the Nida CD60 main profiles [mm]	Frame structure: Max. spacing of the Nida CD60 load-bearing profiles [mm]	Frame structure: Max. spacing of the suspension elements [mm]	Plasterboard sheathing: Nida	Plasterboard sheathing: Thickness [mm]	Min. suspension height [mm]	Weight of 1m² of encasement [kg]	Fire resistance class [min]	Max. load of Nida ceiling: Without fire resistance[1] [kg/m²]	Max. load of Nida ceiling: With fire resistance [kg/m²]	Resistance to impact[2] Class
THE SYSTEM OF THE SUSPENDED CEILINGS ON THE SINGLE-LEVEL NIDA CD60 (NIDA WO60) LOAD-BEARING STRUCTURE													
653	JK/WO/CD60-12,5/Expert	CD60/CD60	1200	500	1200	Expert	12,5	192,5	10,9	-	23	-	-
653	JK/WO/CD60-12,5/Woda[3]	CD60/CD60	1200	500	1200	Woda	12,5	192,5	11,4	-	23	-	-
653	JK/WO/CD60-25/Expert	CD60/CD60	1200	500	1200	Expert	2x12,5	205	19,1	-	25	-	-
653	JK/WO/CD60-25/Woda[3]	CD60/CD60	1200	500	1200	Woda	2x12,5	205	20,1	-	25	-	-

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).

Page	Nida Sufit system name	Frame structure: Type of Nida profile	Frame structure: Max. spacing of the Nida CD60 main profiles [mm]	Frame structure: Max. spacing of the Nida CD60 load-bearing profiles [mm]	Frame structure: Max. spacing of the suspension elements [mm]	Plasterboard sheathing: Nida	Plasterboard sheathing: Thickness [mm]	Min. suspension height [mm]	Weight of 1m² of encasement [kg]	Fire resistance class [min]	Max. load of Nida ceiling: Without fire resistance[1] [kg/m²]	Max. load of Nida ceiling: With fire resistance[2] [kg/m²]	Resistance to impact[3] Class
THE SYSTEM OF THE SUSPENDED CEILINGS ON THE SINGLE-LEVEL NIDA CD60 (NIDA WON60) LOAD-BEARING STRUCTURE													
655	JK/WON/CD60-12,5/Expert	CD60/CD60	1200	500	1200	Expert	12,5	192,5	10,9	-	23	-	1A
655	JK/WON/CD60-12,5/Woda[4]	CD60/CD60	1200	500	1200	Woda	12,5	192,5	11,4	-	23	-	1A
655	JK/WON/CD60-12,5/Ogień+	CD60/CD60	1000	400	900	Ogień Plus	12,5	192,5	12,7	(R)EI20	41	7,5	1A
655	JK/WON/CD60-12,5/ WodaOgień+	CD60/CD60	1000	400	900	Woda Ogień Plus	12,5	192,5	12,7	(R)EI20	41	7,5	1A
655	JK/WON/CD60-12,5/ Twarda	CD60/CD60	1000	400	900	Twarda	12,5	192,5	15,5	(R)EI20	41	7,5	1A
655	JK/WON/CD60-12,5/Hydro	CD60/CD60	1000	400	900	Hydro	12,5	192,5	13,5	(R)EI20	41	7,5	1A
655	JK/WON/CD60-15/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	15	195	16,2	(R)EI20	44	7,5	1A
655	JK/WON/CD60-15/Twarda	CD60/CD60	1000	400	850	Twarda	15	195	18,1	(R)EI20	44	7,5	1A
655	JK/WON/CD60-15/Hydro	CD60/CD60	1000	400	850	Hydro	15	195	16,2	(R)EI20	44	7,5	1A
655	JK/WON/CD60-18/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	18	198	16,9	(R)EI30	44	7,5	1A
657	JK/WON/CD60-25/Expert	CD60/CD60	1200	500	1200	Expert	2x12,5	205	19,1	-	25	-	1A
657	JK/WON/CD60-25/Woda[4]	CD60/CD60	1200	500	1200	Woda	2x12,5	205	20,1	-	25	-	1A
657	JK/WON/CD60-25/ OgieńTypF	CD60/CD60	1000	400	850	Ogień Typ F	2x12,5	205	19,9	(R)EI30	47	13,3	1A
657	JK/WON/CD60-25/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	2x12,5	205	22,7	(R)EI45	47	7,5	1A
657	JK/WON/CD60-25/ WodaOgień+	CD60/CD60	1000	400	850	Woda Ogień Plus	2x12,5	205	22,7	(R)EI45	47	7,5	1A
657	JK/WON/CD60-25/Twarda	CD60/CD60	1000	400	850	Twarda	2x12,5	205	28,3	(R)EI45	47	7,5	1A
657	JK/WON/CD60-25/Hydro	CD60/CD60	1000	400	850	Hydro	2x12,5	205	24,3	(R)EI45	47	7,5	1A
657	JK/WON/CD60-27,5/ Ogień+[5]	CD60/CD60	1000	400	850	Ogień Plus	1x12,5+15,0	207,5	27,0	(R)EI60	47	7,5	1A
657	JK/WON/CD60-30/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	2x15,0	210	29,7	(R)EI60	47	7,5	1A
657	JK/WON/CD60-30/Twarda	CD60/CD60	1000	400	850	Twarda	2x15,0	210	33,5	(R)EI60	47	7,5	1A
657	JK/WON/CD60-30/Hydro	CD60/CD60	1000	400	850	Hydro	2x15,0	210	29,7	(R)EI60	47	7,5	1A
659	JK/WON/CD60-37,5/ Ogień+	CD60/CD60	1000	400	750	Ogień Plus	3x12,5	217,5	32,7	(R)EI60	65	7,5	1A
659	JK/WON/CD60-37,5/ WodaOgień+	CD60/CD60	1000	400	750	Woda Ogień Plus	3x12,5	217,5	32,7	(R)EI60	65	7,5	1A
659	JK/WON/CD60-37,5/ Twarda	CD60/CD60	1000	400	750	Twarda	3x12,5	217,5	41,1	(R)EI60	65	7,5	1A
659	JK/WON/CD60-37,5/Hydro	CD60/CD60	1000	400	750	Hydro	3x12,5	217,5	35,1	(R)EI60	65	7,5	1A
659	JK/WON/CD60-40/Ogień+	CD60/CD60	850	400	750	Ogień Plus	2x12,5+15,0	220	36,2	(R)EI90	65	7,5	1A
659	JK/WON/CD60-40/Twarda	CD60/CD60	850	400	750	Twarda	2x12,5+15,0	220	43,7	(R)EI90	65	7,5	1A
659	JK/WON/CD60-40/Hydro	CD60/CD60	850	400	750	Hydro	2x12,5+15,0	220	37,8	(R)EI90	65	7,5	1A
659	JK/WON/CD60-55/Ogień+	CD60/CD60	650	400	650	Ogień Plus	2x12,5+2x15,0	240	49,7	(R)EI120	75	7,5	1A
659	JK/WON/CD60-60/Ogień+	CD60/CD60	650	400	650	Ogień Plus	4x15,0	240	56,7	(R)EI120	75	7,5	1A
659	JK/WON/CD60-60/Twarda	CD60/CD60	650	400	650	Twarda	4x15,0	240	64,3	(R)EI120	75	7,5	1A
659	JK/WON/CD60-60/Hydro	CD60/CD60	650	400	650	Hydro	4x15,0	240	56,7	(R)EI120	75	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[4] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).
[5] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.

Page	Nida Sufit system name	Frame structure: Type of Nida profile	Frame structure: Max. spacing of the Nida CD60 main profiles [mm]	Frame structure: Max. spacing of the Nida CD60 load-bearing profiles [mm]	Frame structure: Max. spacing of the suspension elements [mm]	Plasterboard sheathing: Nida	Plasterboard sheathing: Thickness [mm]	Min. suspension height [mm]	Weight of 1m² of encasement [kg]	Fire resistance class [min]	Max. load of Nida ceiling: Without fire resistance [1] [kg/m²]	Max. load of Nida ceiling: With fire resistance [2] [kg/m²]	Resistance to impact [3] Class
	THE SYSTEM OF THE SUSPENDED CEILINGS ON THE DOUBLE-LEVEL NIDA CD60 (NIDA ES60) LOAD-BEARING STRUCTURE												
661	DK/ES/CD60-12,5/Expert	CD60/CD60	1200	400/500	1000	Expert	12,5	82,5	10,9	-	20/18	-	1A
661	DK/ES/CD60-12,5/Woda [4]	CD60/CD60	1200	400/500	1000	Woda	12,5	82,5	11,4	-	20/18	-	1A
661	DK/ES/CD60-12,5/Ogień+	CD60/CD60	1000	400	900	Ogień Plus	12,5	82,5	12,7	(R)EI20	31	7,5	1A
661	DK/ES/CD60-12,5/ WodaOgień+	CD60/CD60	1000	400	900	Woda Ogień Plus	12,5	82,5	12,7	(R)EI20	31	7,5	1A
661	DK/ES/CD60-12,5/Twarda	CD60/CD60	1000	400	900	Twarda	12,5	82,5	15,5	(R)EI20	31	7,5	1A
661	DK/ES/CD60-12,5/Hydro	CD60/CD60	1000	400	900	Hydro	12,5	82,5	13,5	(R)EI20	31	7,5	1A
661	DK/ES/CD60-15/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	15	85	16,2	(R)EI20	36	7,5	1A
661	DK/ES/CD60-15/Twarda	CD60/CD60	1000	400	850	Twarda	15	85	18,1	(R)EI20	36	7,5	1A
661	DK/ES/CD60-15/Hydro	CD60/CD60	1000	400	850	Hydro	15	85	16,2	(R)EI20	36	7,5	1A
661	DK/ES/CD60-18/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	18	88	16,9	(R)EI30	36	7,5	1A
663	DK/ES/CD60-25/Expert	CD60/CD60	1000	400	1000	Expert	2x12,5	95	19,1	-	24	-	1A
663	DK/ES/CD60-25/Woda [4]	CD60/CD60	1000	400	900	Woda	2x12,5	95	20,1	-	31	-	1A
663	DK/ES/CD60-25/OgieńTypF	CD60/CD60	1000	400	850	Ogień Typ F	2x12,5	95	19,9	(R)EI30	36	13,3	1A
663	DK/ES/CD60-25/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	2x12,5	95	22,7	(R)EI45	36	7,5	1A
663	DK/ES/CD60-25/ WodaOgień+	CD60/CD60	1000	400	850	Woda Ogień Plus	2x12,5	95	22,7	(R)EI45	36	7,5	1A
663	DK/ES/CD60-25/Twarda	CD60/CD60	1000	400	850	Twarda	2x12,5	95	28,3	(R)EI45	36	7,5	1A
663	DK/ES/CD60-25/Hydro	CD60/CD60	1000	400	850	Hydro	2x12,5	95	24,3	(R)EI45	36	7,5	1A
663	DK/ES/CD60-27,5/Ogień+ [5]	CD60/CD60	1000	400	850	Ogień Plus	1x12,5+15,0	97,5	27,0	(R)EI60	36	7,5	1A
663	DK/ES/CD60-30/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	2x15,0	100	29,7	(R)EI60	36	7,5	1A
663	DK/ES/CD60-30/Twarda	CD60/CD60	1000	400	850	Twarda	2x15,0	100	33,5	(R)EI60	36	7,5	1A
663	DK/ES/CD60-30/Hydro	CD60/CD60	1000	400	850	Hydro	2x15,0	100	29,7	(R)EI60	36	7,5	1A
665	DK/ES/CD60-37,5/Ogień+	CD60/CD60	1000	400	750	Ogień Plus	3x12,5	107,5	32,7	(R)EI60	49	7,5	1A
665	DK/ES/CD60-37,5/ WodaOgień+	CD60/CD60	1000	400	750	Woda Ogień Plus	3x12,5	107,5	32,7	(R)EI60	49	7,5	1A
665	DK/ES/CD60-37,5/Twarda	CD60/CD60	1000	400	750	Twarda	3x12,5	107,5	41,1	(R)EI60	49	7,5	1A
665	DK/ES/CD60-37,5/Hydro	CD60/CD60	1000	400	750	Hydro	3x12,5	107,5	35,1	(R)EI60	49	7,5	1A
665	DK/ES/CD60-40/Ogień+	CD60/CD60	850	400	750	Ogień Plus	2x12,5+15,0	110	36,2	(R)EI90	58	7,5	1A
665	DK/ES/CD60-40/Twarda	CD60/CD60	850	400	750	Twarda	2x12,5+15,0	110	43,7	(R)EI90	58	7,5	1A
665	DK/ES/CD60-40/Hydro	CD60/CD60	850	400	750	Hydro	2x12,5+15,0	110	37,8	(R)EI90	58	7,5	1A
665	DK/ES/CD60-55/Ogień+	CD60/CD60	650	400	650	Ogień Plus	2x12,5+2x15,0	130	49,7	(R)EI120	87	7,5	1A
665	DK/ES/CD60-60/Ogień+	CD60/CD60	650	400	650	Ogień Plus	4x15,0	130	56,7	(R)EI120	87	7,5	1A
665	DK/ES/CD60-60/Twarda	CD60/CD60	650	400	650	Twarda	4x15,0	130	64,3	(R)EI120	87	7,5	1A
665	DK/ES/CD60-60/Hydro	CD60/CD60	650	400	650	Hydro	4x15,0	130	56,7	(R)EI120	87	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[4] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).
[5] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.

Page	Nida Sufit system name	Frame structure: Type of Nida profile	Frame structure: Max. spacing of the Nida CD60 main profiles [mm]	Frame structure: Max. spacing of the Nida CD60 load-bearing profiles [mm]	Frame structure: Max. spacing of the suspension elements [mm]	Plasterboard sheathing: Nida	Plasterboard sheathing: Thickness [mm]	Min. suspension height [mm]	Weight of 1m² of encasement [kg]	Fire resistance class [min]	Max. load of Nida ceiling: Without fire resistance [1] [kg/m²]	Max. load of Nida ceiling: With fire resistance [2] [kg/m²]	Resistance to impact [3] Class
	THE SYSTEM OF THE SUSPENDED CEILINGS ON THE DOUBLE-LEVEL NIDA CD60 (NIDA EL60) LOAD-BEARING STRUCTURE												
667	DK/EL/CD60-12,5/Expert	CD60/CD60	1200	400/500	1000	Expert	12,5	102,5	10,9	-	20/18	-	1A
667	DK/EL/CD60-12,5/Woda [4]	CD60/CD60	1200	400/500	1000	Woda	12,5	102,5	11,4	-	20/18	-	1A
667	DK/EL/CD60-12,5/Ogień+	CD60/CD60	1000	400	900	Ogień Plus	12,5	102,5	12,7	(R)EI20	31	7,5	1A
667	DK/EL/CD60-12,5/ WodaOgień+	CD60/CD60	1000	400	900	Woda Ogień Plus	12,5	102,5	12,7	(R)EI20	31	7,5	1A
667	DK/EL/CD60-12,5/Twarda	CD60/CD60	1000	400	900	Twarda	12,5	102,5	15,5	(R)EI20	31	7,5	1A
667	DK/EL/CD60-12,5/Hydro	CD60/CD60	1000	400	900	Hydro	12,5	102,5	13,5	(R)EI20	31	7,5	1A
667	DK/EL/CD60-15/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	15	105	16,2	(R)EI20	36	7,5	1A
667	DK/EL/CD60-15/Twarda	CD60/CD60	1000	400	850	Twarda	15	105	18,1	(R)EI20	36	7,5	1A
667	DK/EL/CD60-15/Hydro	CD60/CD60	1000	400	850	Hydro	15	105	16,2	(R)EI20	36	7,5	1A
667	DK/EL/CD60-18/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	18	108	16,9	(R)EI30	36	7,5	1A
669	DK/EL/CD60-25/Expert	CD60/CD60	1000	400	1000	Expert	2x12,5	115	19,1	-	24	-	1A
669	DK/EL/CD60-25/Woda [4]	CD60/CD60	1000	400	900	Woda	2x12,5	115	20,1	-	31	-	1A
669	DK/EL/CD60-25/OgieńTypF	CD60/CD60	1000	400	850	Ogień Typ F	2x12,5	115	19,9	(R)EI30	36	13,3	1A
669	DK/EL/CD60-25/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	2x12,5	115	22,7	(R)EI45	36	7,5	1A
669	DK/EL/CD60-25/ WodaOgień+	CD60/CD60	1000	400	850	Woda Ogień Plus	2x12,5	115	22,7	(R)EI45	36	7,5	1A
669	DK/EL/CD60-25/Twarda	CD60/CD60	1000	400	850	Twarda	2x12,5	115	28,3	(R)EI45	36	7,5	1A
669	DK/EL/CD60-25/Hydro	CD60/CD60	1000	400	850	Hydro	2x12,5	115	24,3	(R)EI45	36	7,5	1A
669	DK/EL/CD60-27,5/Ogień+ [5]	CD60/CD60	1000	400	850	Ogień Plus	1x12,5+15,0	117,5	27,0	(R)EI60	36	7,5	1A
669	DK/EL/CD60-30/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	2x15,0	120	29,7	(R)EI60	36	7,5	1A
669	DK/EL/CD60-30/Twarda	CD60/CD60	1000	400	850	Twarda	2x15,0	120	33,5	(R)EI60	36	7,5	1A
669	DK/EL/CD60-30/Hydro	CD60/CD60	1000	400	850	Hydro	2x15,0	120	29,7	(R)EI60	36	7,5	1A
671	DK/EL/CD60-37,5/Ogień+	CD60/CD60	1000	400	750	Ogień Plus	3x12,5	127,5	32,7	(R)EI60	49	7,5	1A
671	DK/EL/CD60-37,5/ WodaOgień+	CD60/CD60	1000	400	750	Woda Ogień Plus	3x12,5	127,5	32,7	(R)EI60	49	7,5	1A
671	DK/EL/CD60-37,5/Twarda	CD60/CD60	1000	400	750	Twarda	3x12,5	127,5	41,1	(R)EI60	49	7,5	1A
671	DK/EL/CD60-37,5/Hydro	CD60/CD60	1000	400	750	Hydro	3x12,5	127,5	35,1	(R)EI60	49	7,5	1A
671	DK/EL/CD60-40/Ogień+	CD60/CD60	850	400	750	Ogień Plus	2x12,5+15,0	130	36,2	(R)EI90	58	7,5	1A
671	DK/EL/CD60-40/Twarda	CD60/CD60	850	400	750	Twarda	2x12,5+15,0	130	43,7	(R)EI90	58	7,5	1A
671	DK/EL/CD60-40/Hydro	CD60/CD60	850	400	750	Hydro	2x12,5+15,0	130	37,8	(R)EI90	58	7,5	1A
671	DK/EL/CD60-55/Ogień+	CD60/CD60	650	400	650	Ogień Plus	2x12,5+2x15,0	130	49,7	(R)EI120	87	7,5	1A
671	DK/EL/CD60-60/Ogień+	CD60/CD60	650	400	650	Ogień Plus	4x15,0	150	56,7	(R)EI120	87	7,5	1A
671	DK/EL/CD60-60/Twarda	CD60/CD60	650	400	650	Twarda	4x15,0	150	64,3	(R)EI120	87	7,5	1A
671	DK/EL/CD60-60/Hydro	CD60/CD60	650	400	650	Hydro	4x15,0	150	56,7	(R)EI120	87	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[4] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).
[5] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.

Page	Nida Sufit system name	Frame structure: Type of Nida profile	Frame structure: Max. spacing of the Nida CD60 main profiles [mm]	Frame structure: Max. spacing of the Nida CD60 load-bearing profiles [mm]	Frame structure: Max. spacing of the suspension elements [mm]	Plasterboard sheathing: Nida	Plasterboard sheathing: Thickness [mm]	Min. suspension height [mm]	Weight of 1m² of encasement [kg]	Fire resistance class [min]	Max. load of Nida ceiling: Without fire resistance [1] [kg/m²]	Max. load of Nida ceiling: With fire resistance [2] [kg/m²]	Resistance to impact [3] Class
	THE SYSTEM OF THE SUSPENDED CEILINGS ON THE DOUBLE-LEVEL NIDA CD60 (NIDA WP60) LOAD-BEARING STRUCTURE												
673	DK/WP/CD60-12,5/Expert	CD60/CD60	1200	400/500	1000	Expert	12,5	102,5	10,9	-	20/18	-	1A
673	DK/WP/CD60-12,5/Woda [4]	CD60/CD60	1200	400/500	1000	Woda	12,5	102,5	11,4	-	20/18	-	1A
673	DK/WP/CD60-12,5/Ogień+	CD60/CD60	1000	400	900	Ogień Plus	12,5	102,5	12,7	(R)EI20	31	7,5	1A
673	DK/WP/CD60-12,5/ WodaOgień+	CD60/CD60	1000	400	900	Woda Ogień Plus	12,5	102,5	12,7	(R)EI20	31	7,5	1A
673	DK/WP/CD60-12,5/Twarda	CD60/CD60	1000	400	900	Twarda	12,5	102,5	15,5	(R)EI20	31	7,5	1A
673	DK/WP/CD60-12,5/Hydro	CD60/CD60	1000	400	900	Hydro	12,5	102,5	13,5	(R)EI20	31	7,5	1A
673	DK/WP/CD60-15/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	15	105	16,2	(R)EI20	36	7,5	1A
673	DK/WP/CD60-15/Twarda	CD60/CD60	1000	400	850	Twarda	15	105	18,1	(R)EI20	36	7,5	1A
673	DK/WP/CD60-15/Hydro	CD60/CD60	1000	400	850	Hydro	15	105	16,2	(R)EI20	36	7,5	1A
673	DK/WP/CD60-18/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	18	108	16,9	(R)EI30	36	7,5	1A
675	DK/WP/CD60-25/Expert	CD60/CD60	1000	400	1000	Expert	2x12,5	115	19,1	-	24	-	1A
675	DK/WP/CD60-25/Woda [4]	CD60/CD60	1000	400	900	Woda	2x12,5	115	20,1	-	31	-	1A
675	DK/WP/CD60-25/ OgieńTypF	CD60/CD60	1000	400	850	Ogień Typ F	2x12,5	115	19,9	(R)EI30	36	13,3	1A
675	DK/WP/CD60-25/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	2x12,5	115	22,7	(R)EI45	36	7,5	1A
675	DK/WP/CD60-25/ WodaOgień+	CD60/CD60	1000	400	850	Woda Ogień Plus	2x12,5	115	22,7	(R)EI45	36	7,5	1A
675	DK/WP/CD60-25/Twarda	CD60/CD60	1000	400	850	Twarda	2x12,5	115	28,3	(R)EI45	36	7,5	1A
675	DK/WP/CD60-25/Hydro	CD60/CD60	1000	400	850	Hydro	2x12,5	115	24,3	(R)EI45	36	7,5	1A
675	DK/WP/CD60-27,5/Ogień+ [5]	CD60/CD60	1000	400	850	Ogień Plus	1x12,5+15,0	117,5	27,0	(R)EI60	36	7,5	1A
675	DK/WP/CD60-30/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	2x15,0	120	29,7	(R)EI60	36	7,5	1A
675	DK/WP/CD60-30/Twarda	CD60/CD60	1000	400	850	Twarda	2x15,0	120	33,5	(R)EI60	36	7,5	1A
675	DK/WP/CD60-30/Hydro	CD60/CD60	1000	400	850	Hydro	2x15,0	120	29,7	(R)EI60	36	7,5	1A
677	DK/WP/CD60-37,5/Ogień+	CD60/CD60	1000	400	750	Ogień Plus	3x12,5	127,5	32,7	(R)EI60	49	7,5	1A
677	DK/WP/CD60-37,5/ WodaOgień+	CD60/CD60	1000	400	750	Woda Ogień Plus	3x12,5	127,5	32,7	(R)EI60	49	7,5	1A
677	DK/WP/CD60-37,5/Twarda	CD60/CD60	1000	400	750	Twarda	3x12,5	127,5	41,1	(R)EI60	49	7,5	1A
677	DK/WP/CD60-37,5/Hydro	CD60/CD60	1000	400	750	Hydro	3x12,5	127,5	35,1	(R)EI60	49	7,5	1A
677	DK/WP/CD60-40/Ogień+	CD60/CD60	850	400	750	Ogień Plus	2x12,5+15,0	130	36,2	(R)EI90	58	7,5	1A
677	DK/WP/CD60-40/Twarda	CD60/CD60	850	400	750	Twarda	2x12,5+15,0	130	43,7	(R)EI90	58	7,5	1A
677	DK/WP/CD60-40/Hydro	CD60/CD60	850	400	750	Hydro	2x12,5+15,0	130	37,8	(R)EI90	58	7,5	1A
677	DK/WP/CD60-55/Ogień+	CD60/CD60	650	400	650	Ogień Plus	2x12,5+2x15,0	150	49,7	(R)EI120	87	7,5	1A
677	DK/WP/CD60-60/Ogień+	CD60/CD60	650	400	650	Ogień Plus	4x15,0	150	56,7	(R)EI120	87	7,5	1A
677	DK/WP/CD60-60/Twarda	CD60/CD60	650	400	650	Twarda	4x15,0	150	64,3	(R)EI120	87	7,5	1A
677	DK/WP/CD60-60/Hydro	CD60/CD60	650	400	650	Hydro	4x15,0	150	56,7	(R)EI120	87	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[4] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).
[5] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.

Page	Nida Sufit system name	Frame structure: Type of Nida profile	Frame structure: Max. spacing of the Nida CD60 main profiles [mm]	Frame structure: Max. spacing of the Nida CD60 load-bearing profiles [mm]	Frame structure: Max. spacing of the suspension elements [mm]	Plasterboard sheathing: Nida	Plasterboard sheathing: Thickness [mm]	Min. suspension height [mm]	Weight of 1m² of encasement [kg]	Fire resistance class [min]	Max. load of Nida ceiling: Without fire resistance [1] [kg/m²]	Max. load of Nida ceiling: With fire resistance [kg/m²]	Resistance to impact [2] Class
	THE SYSTEM OF THE SUSPENDED CEILINGS ON THE DOUBLE-LEVEL NIDA CD60 (NIDA WO60) LOAD-BEARING STRUCTURE												
679	DK/WO/CD60-12,5/Expert	CD60/CD60	1200	400/500	1000	Expert	12,5	222,5	10,9	-	20/18	-	1A
679	DK/WO/CD60-12,5/Woda [3]	CD60/CD60	1200	400/500	1000	Woda	12,5	222,5	11,4	-	20/18	-	1A
679	DK/WO/CD60-25/Expert	CD60/CD60	1000	400	1000	Expert	2x12,5	235	19,1	-	24	-	1A
679	DK/WO/CD60-25/Woda [3]	CD60/CD60	1000	400	900	Woda	2x12,5	235	20,1	-	31	-	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).

Page	Nida Sufit system name	Frame structure: Type of Nida profile	Frame structure: Max. spacing of the Nida CD60 main profiles [mm]	Frame structure: Max. spacing of the Nida CD60 load-bearing profiles [mm]	Frame structure: Max. spacing of the suspension elements [mm]	Plasterboard sheathing: Nida	Plasterboard sheathing: Thickness [mm]	Min. suspension height [mm]	Weight of 1m² of encasement [kg]	Fire resistance class [min]	Max. load of Nida ceiling: Without fire resistance [1] [kg/m²]	Max. load of Nida ceiling: With fire resistance [kg/m²]	Resistance to impact [2] Class
	THE SYSTEM OF THE SUSPENDED CEILINGS ON THE DOUBLE-LEVEL NIDA CD60 (NIDA WON60) LOAD-BEARING STRUCTURE												
681	DK/WON/CD60-12,5/Expert	CD60/CD60	1200	400/500	1000	Expert	12,5	222,5	10,9	-	20/18	-	1A
681	DK/WON/CD60-12,5/Woda [4]	CD60/CD60	1200	400/500	1000	Woda	12,5	222,5	11,4	-	20/18	-	1A
681	DK/WON/CD60-12,5/ Ogień+	CD60/CD60	1000	400	900	Ogień Plus	12,5	222,5	12,7	(R)EI20	31	7,5	1A
681	DK/WON/CD60-12,5/ WodaOgień+	CD60/CD60	1000	400	900	Woda Ogień Plus	12,5	222,5	12,7	(R)EI20	31	7,5	1A
681	DK/WON/CD60-12,5/ Twarda	CD60/CD60	1000	400	900	Twarda	12,5	222,5	15,5	(R)EI20	31	7,5	1A
681	DK/WON/CD60-12,5/Hydro	CD60/CD60	1000	400	900	Hydro	12,5	222,5	13,5	(R)EI20	31	7,5	1A
681	DK/WON/CD60-15/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	15	225	16,2	(R)EI20	36	7,5	1A
681	DK/WON/CD60-15/Twarda	CD60/CD60	1000	400	850	Twarda	15	225	18,1	(R)EI20	36	7,5	1A
681	DK/WON/CD60-15/Hydro	CD60/CD60	1000	400	850	Hydro	15	225	16,2	(R)EI20	36	7,5	1A
681	DK/WON/CD60-18/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	18	228	16,9	(R)EI30	36	7,5	1A
683	DK/WON/CD60-25/Expert	CD60/CD60	1000	400	1000	Expert	2x12,5	235	19,1	-	24	-	1A
683	DK/WON/CD60-25/Woda [4]	CD60/CD60	1000	400	900	Woda	2x12,5	235	20,1	-	31	-	1A
683	DK/WON/CD60-25/ OgieńTypF	CD60/CD60	1000	400	850	Ogień Typ F	2x12,5	235	19,9	(R)EI30	36	13,3	1A
683	DK/WON/CD60-25/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	2x12,5	235	22,7	(R)EI45	36	7,5	1A
683	DK/WON/CD60-25/ WodaOgień+	CD60/CD60	1000	400	850	Woda Ogień Plus	2x12,5	235	22,7	(R)EI45	36	7,5	1A
683	DK/WON/CD60-25/Twarda	CD60/CD60	1000	400	850	Twarda	2x12,5	235	28,3	(R)EI45	36	7,5	1A
683	DK/WON/CD60-25/Hydro	CD60/CD60	1000	400	850	Hydro	2x12,5	235	24,3	(R)EI45	36	7,5	1A
683	DK/WON/CD60-27,5/ Ogień+ [5]	CD60/CD60	1000	400	850	Ogień Plus	1x12,5+1x15,0	237,5	27,0	(R)EI60	47	7,5	1A
683	DK/WON/CD60-30/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	2x15,0	240	29,7	(R)EI60	36	7,5	1A
683	DK/WON/CD60-30/Twarda	CD60/CD60	1000	400	850	Twarda	2x15,0	240	33,5	(R)EI60	36	7,5	1A
683	DK/WON/CD60-30/Hydro	CD60/CD60	1000	400	850	Hydro	2x15,0	240	29,7	(R)EI60	36	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[4] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).
[5] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.

Page	Nida Sufit system name	Frame structure: Type of Nida profile	Frame structure: Max. spacing of the Nida CD60 main profiles [mm]	Frame structure: Max. spacing of the Nida CD60 load-bearing profiles [mm]	Frame structure: Max. spacing of the Nida suspension elements [mm]	Plasterboard sheathing: Trade name	Plasterboard sheathing: Thickness [mm]	Insulation material: Mineral wool	Insulation material: Thickness [mm]	Insulation material: Density [kg/m³]	Min. suspension height [mm]	Weight of 1m² of encasement [kg]	Fire resistance class [1] (a ↔ b) [min]	Max. load of Nida ceiling: Without fire resistance [2] [kg/m²]	Max. load of Nida ceiling: With fire resistance [kg/m²]	Resistance to impact [3] Class	Special system
THE SYSTEM OF THE SUSPENDED CEILINGS ON THE DOUBLE-LEVEL NIDA CD60 (NIDA WON60) LOAD-BEARING STRUCTURE - DOUBLE-SIDED FIRE RESISTANCE																	
685	DK/WDNW/CD60-25/MW/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	2x12,5	rock wool	2x50	25	235	25,2	(R)EI45/30 [4]	33	2,5	1A	●
685	DK/WDNW/CD60-25/MW/WodaOgień+	CD60/CD60	1000	400	850	Woda Ogień Plus	2x12,5	rock wool	2x50	25	235	25,2	(R)EI45/30 [4]	33	2,5	1A	●
685	DK/WDNW/CD60-30/MW/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	2x15,0	rock wool	2x50	25	240	32,2	(R)EI60 [4]	33	2,5	1A	●
685	DK/WDNW/CD60-30/MW/WodaOgień+	CD60/CD60	1000	400	850	Woda Ogień Plus	2x15,0	rock wool	2x50	25	240	32,2	(R)EI60 [4]	33	2,5	1A	●

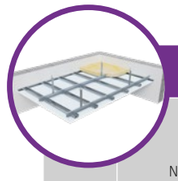
[1] Declaration of Performance (DoP) - DoP/Ceiling System/0037/15.11.2016, fire classification LBO-056-KZ/22.
[2] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[4] The fire resistance class (a ↔ b) - meets the requirements for the fire exposition from the top and from the bottom side.

Page	Nida Sufit system name	Frame structure: Type of Nida profile	Frame structure: Max. spacing of the Nida CD60 main profiles [mm]	Frame structure: Max. spacing of the Nida CD60 load-bearing profiles [mm]	Frame structure: Max. spacing of the Nida suspension elements [mm]	Plasterboard sheathing: Nida	Plasterboard sheathing: Thickness [mm]	Min. suspension height [mm]	Weight of 1m² of encasement [kg]	Fire resistance class [min]	Max. load of Nida ceiling: Without fire resistance [1] [kg/m²]	Max. load of Nida ceiling: With fire resistance [2] [kg/m²]	Resistance to impact [3] Class
THE SYSTEM OF THE SUSPENDED CEILINGS ON THE DOUBLE-LEVEL NIDA CD60 (NIDA WON60) LOAD-BEARING STRUCTURE													
687	DK/WON/CD60-37,5/Ogień+	CD60/CD60	1000	400	750	Ogień Plus	3x12,5	247,5	32,7	(R)EI60	49	7,5	1A
687	DK/WON/CD60-37,5/WodaOgień+	CD60/CD60	1000	400	750	Woda Ogień Plus	3x12,5	247,5	32,7	(R)EI60	49	7,5	1A
687	DK/WON/CD60-37,5/Twarda	CD60/CD60	1000	400	750	Twarda	3x12,5	247,5	41,1	(R)EI60	49	7,5	1A
687	DK/WON/CD60-37,5/Hydro	CD60/CD60	1000	400	750	Hydro	3x12,5	247,5	35,1	(R)EI60	49	7,5	1A
687	DK/WON/CD60-40/Ogień+	CD60/CD60	850	400	750	Ogień Plus	2x12,5+15,0	250	36,2	(R)EI90	58	7,5	1A
687	DK/WON/CD60-40/Twarda	CD60/CD60	850	400	750	Twarda	2x12,5+15,0	250	43,7	(R)EI90	58	7,5	1A
687	DK/WON/CD60-40/Hydro	CD60/CD60	850	400	750	Hydro	2x12,5+15,0	250	37,8	(R)EI90	58	7,5	1A
687	DK/WON/CD60-55/Ogień+	CD60/CD60	650	400	650	Ogień Plus	2x12,5+2x15,0	270	49,7	(R)EI120	87	7,5	1A
687	DK/WON/CD60-60/Ogień+	CD60/CD60	650	400	650	Ogień Plus	4x15,0	270	56,7	(R)EI120	87	7,5	1A
687	DK/WON/CD60-60/Twarda	CD60/CD60	650	400	650	Twarda	4x15,0	270	64,3	(R)EI120	87	7,5	1A
687	DK/WON/CD60-60/Hydro	CD60/CD60	650	400	650	Hydro	4x15,0	270	56,7	(R)EI120	87	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.

Page	Nida Sufit system name	Frame structure: Type of Nida profile	Frame structure: Max. spacing of the Nida CD60 main profiles [mm]	Frame structure: Max. spacing of the Nida CD60 load-bearing profiles [mm]	Frame structure: Max. spacing of the Nida suspension elements [mm]	Plasterboard sheathing: Nida	Plasterboard sheathing: Thickness [mm]	Min. suspension height [mm]	Weight of 1m² of encasement [kg]	Fire resistance class [min]	Max. load of Nida ceiling: Without fire resistance [1] [kg/m²]	Resistance to impact [2] Class
THE SYSTEM OF THE SUSPENDED CEILINGS ON THE DOUBLE-LEVEL NIDA CD60 (NIDA RTG) LOAD-BEARING STRUCTURE												
689	DK/WON/CD60-13/RTG	CD60/CD60	1000	400	900	RTG	12,5 + 0,5	83,0	18,6	-	31	1A
689	DK/WON/CD60-13,5/RTG	CD60/CD60	1000	400	850	RTG	12,5 + 1,0	83,5	24,3	-	36	1A
689	DK/WON/CD60-14/RTG	CD60/CD60	1000	400	750	RTG	12,5 + 1,5	84,0	30,0	-	49	1A
689	DK/WON/CD60-14,5/RTG	CD60/CD60	1000	400	750	RTG	12,5 + 2,0	84,5	35,7	-	49	1A
689	DK/WON/CD60-15/RTG	CD60/CD60	850	400	750	RTG	12,5 + 2,5	85,0	41,4	-	58	1A
689	DK/WON/CD60-15,5/RTG	CD60/CD60	650	400	650	RTG	12,5 + 3,0	85,5	47,1	-	87	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.



Page	Nida Sufit system name	Frame structure: Type of Nida profile	Frame structure: Max. spacing of the Nida MF main profiles [mm]	Frame structure: Max. spacing of the Nida load-bearing profiles MF [mm]	Frame structure: Max. spacing of the Nida suspension elements [mm]	Plasterboard sheathing: Nida	Plasterboard sheathing: Thickness [mm]	Min. suspension height [mm]	Weight of 1m² of encasement [kg]	Fire resistance class [min]	Max. load of Nida ceiling: Without fire resistance [1] [kg/m²]	Max. load of Nida ceiling: With fire resistance [2] [kg/m²]	Resistance to impact [3] Class
THE SYSTEM OF THE SUSPENDED CEILINGS ON THE DOUBLE-LEVEL NIDA MF LOAD-BEARING STRUCTURE													
693	DK/MFC-12,5/Expert	MFCP44/MFCC50	1200	400	1200	Expert	12,5	82,5	10,9	-	31	-	1A
693	DK/MFC-12,5/Woda [4]	MFCP44/MFCC50	1200	400	1200	Woda	12,5	82,5	11,4	-	31	-	1A
693	DK/MFC-12,5/Ogień+	MFCP44/MFCC50	1200	400	1200	Ogień Plus	12,5	82,5	12,7	(R)EI20	31	7,5	1A
693	DK/MFC-12,5/WodaOgień+	MFCP44/MFCC50	1200	400	1200	Woda Ogień Plus	12,5	82,5	12,7	(R)EI20	31	7,5	1A
693	DK/MFC-12,5/Twarda	MFCP44/MFCC50	1200	400	1200	Twarda	12,5	82,5	15,5	(R)EI20	31	7,5	1A
693	DK/MFC-12,5/Hydro	MFCP44/MFCC50	1200	400	1200	Hydro	12,5	82,5	13,5	(R)EI20	31	7,5	1A
693	DK/MFC-15/Ogień+	MFCP44/MFCC50	1200	400	1200	Ogień Plus	15	85	16,2	(R)EI20	31	7,5	1A
693	DK/MFC-15/Twarda	MFCP44/MFCC50	1200	400	1200	Twarda	15	85	18,1	(R)EI20	31	7,5	1A
693	DK/MFC-15/Hydro	MFCP44/MFCC50	1200	400	1200	Hydro	15	85	16,2	(R)EI20	31	7,5	1A
693	DK/MFC-18/Ogień+	MFCP44/MFCC50	1200	400	1200	Ogień Plus	18	88	16,9	(R)EI30	31	7,5	1A
695	DK/MFC-25/Expert	MFCP44/MFCC50	1200	400	1200	Expert	2x12,5	95	19,1	-	31	-	1A
695	DK/MFC-25/Woda [4]	MFCP44/MFCC50	1200	400	1200	Woda	2x12,5	95	20,1	-	31	-	1A
695	DK/MFC-25/OgieńTypF	MFCP44/MFCC50	1200	400	1200	Ogień Typ F	2x12,5	95	19,9	(R)EI30	31	13,3	1A
695	DK/MFC-25/Ogień+	MFCP44/MFCC50	1200	400	1200	Ogień Plus	2x12,5	95	22,7	(R)EI45	31	7,5	1A
695	DK/MFC-25/WodaOgień+	MFCP44/MFCC50	1200	400	1200	Woda Ogień Plus	2x12,5	95	22,7	(R)EI45	31	7,5	1A
695	DK/MFC-25/Twarda	MFCP44/MFCC50	1200	400	1200	Twarda	2x12,5	95	28,3	(R)EI45	31	7,5	1A
695	DK/MFC-25/Hydro	MFCP44/MFCC50	1200	400	1200	Hydro	2x12,5	95	24,3	(R)EI45	31	7,5	1A
695	DK/MFC-27,5/Ogień+ [5]	MFCP44/MFCC50	900	400	1200	Ogień Plus	1x12,5+1x15,0	97,5	27,0	(R)EI60	41	7,5	1A
695	DK/MFC-30/Ogień+	MFCP44/MFCC50	900	400	1200	Ogień Plus	2x15,0	100	29,7	(R)EI60	41	7,5	1A
695	DK/MFC-30/Twarda	MFCP44/MFCC50	900	400	1200	Twarda	2x15,0	100	33,5	(R)EI60	41	7,5	1A
695	DK/MFC-30/Hydro	MFCP44/MFCC50	900	400	1200	Hydro	2x15,0	100	29,7	(R)EI60	41	7,5	1A
697	DK/MFC-37,5/Ogień+	MFCP44/MFCC50	850	400	1200	Ogień Plus	3x12,5	107,5	32,7	(R)EI60	43	7,5	1A
697	DK/MFC-37,5/WodaOgień+	MFCP44/MFCC50	850	400	1200	Woda Ogień Plus	3x12,5	107,5	32,7	(R)EI60	43	7,5	1A
697	DK/MFC-37,5/Twarda	MFCP44/MFCC50	850	400	1200	Twarda	3x12,5	107,5	41,1	(R)EI60	43	7,5	1A
697	DK/MFC-37,5/Hydro	MFCP44/MFCC50	850	400	1200	Hydro	3x12,5	107,5	35,1	(R)EI60	43	7,5	1A
697	DK/MFC-40/Ogień+	MFCP44/MFCC50	800	400	1200	Ogień Plus	2x12,5+15,0	110	36,2	(R)EI90	46	7,5	1A
697	DK/MFC-40/Twarda	MFCP44/MFCC50	800	400	1200	Twarda	2x12,5+15,0	110	43,7	(R)EI90	46	7,5	1A
697	DK/MFC-40/Hydro	MFCP44/MFCC50	800	400	1200	Hydro	2x12,5+15,0	110	37,8	(R)EI90	46	7,5	1A
697	DK/MFC-55/Ogień+	MFCP44/MFCC50	500	400	1200	Ogień Plus	2x12,5+2x15,0	130	49,7	(R)EI120	73	7,5	1A
697	DK/MFC-60/Ogień+	MFCP44/MFCC50	500	400	1200	Ogień Plus	4x15,0	130	56,7	(R)EI120	73	7,5	1A
697	DK/MFC-60/Twarda	MFCP44/MFCC50	500	400	1200	Twarda	4x15,0	130	64,3	(R)EI120	73	7,5	1A
697	DK/MFC-60/Hydro	MFCP44/MFCC50	500	400	1200	Hydro	4x15,0	130	56,7	(R)EI120	73	7,5	1A

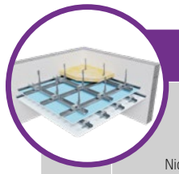
[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[4] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).
[5] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.

Page	Nida Sufit system name	Frame structure: Type of Nida profile	Frame structure: Max. spacing of the Nida CD60 main profiles [mm]	Frame structure: Type of suspension elements Nida	Frame structure: Max. spacing of the Nida suspension elements [mm]	Plasterboard sheathing: Nida	Plasterboard sheathing: Thickness [mm]	Weight of 1m² of encasement [kg]	Fire resistance class [min]	Resistance to impact [1] Class
THE SYSTEM OF THE SUSPENDED CEILINGS ON THE NIDA CD60 LOAD-BEARING STRUCTURE (CYLINDRICAL SURFACE)										
699	ES/CD60-12,5/Gięta	CD60	300	ES	1000	Gięta	2x6,5	12	-	1A
699	EL/CD60-12,5/Gięta	CD60	300	EL	1000	Gięta	2x6,5	12	-	1A
699	WP/CD60-12,5/Gięta	CD60	300	WP	1000	Gięta	2x6,5	12	-	1A

[1] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.

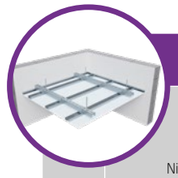
Page	Nida Sufit system name	Plasterboard sheathing			Load-bearing structure [1]				Insulation material		Suspension height	Sound absorption coefficient [2]	Weight of 1m² of encasement [3]	Fire resistance class	Resistance to impact [4]
		Nida	Thickness [mm]	Marking acc. to standard	Type of Nida profile	Spacing of the Nida W060 suspension elements [mm]	Spacing of the Nida CD60 main profiles [mm]	Spacing of the Nida CD60 load-bearing profiles [mm]	Mineral wool	[mm]	[mm]	α_w	[mm]	[min]	Class
THE SYSTEM OF THE ACOUSTIC SUSPENDED CEILINGS ON THE NIDA CD60 LOAD-BEARING STRUCTURE															
701	DK/WO/CD60-12,5/SonicR6n0	Sonic R6n0	12,5	A	CD60	900	1000	300	glass wool	40	400	0,45	10	-	1A
701	DK/WO/CD60-12,5/SonicR8n0	Sonic R8n0	12,5	A	CD60	900	1000	300	glass wool	40	400	0,65	10	-	1A
701	DK/WO/CD60-12,5/SonicR10n0	Sonic R10n0	12,5	A	CD60	900	1000	300	glass wool	40	400	0,65	10	-	1A
701	DK/WO/CD60-12,5/SonicR12n0	Sonic R12n0	12,5	A	CD60	900	1000	300	glass wool	40	400	0,7	10	-	1A
701	DK/WO/CD60-12,5/SonicR15n0	Sonic R15n0	12,5	A	CD60	900	1000	300	glass wool	40	400	0,7	10	-	1A
701	DK/WO/CD60-12,5/SonicRN8/15/20n0	Sonic RN8/15/20n0	12,5	A	CD60	900	1000	300	glass wool	40	400	0,45	10	-	1A
701	DK/WO/CD60-12,5/SonicR8/12n0	Sonic R8/12n0	12,5	A	CD60	900	1000	300	glass wool	40	400	0,6	10	-	1A
701	DK/WO/CD60-12,5/SonicR12/20n0	Sonic R12/20n0	12,5	A	CD60	900	1000	300	glass wool	40	400	0,7	10	-	1A
701	DK/WO/CD60-12,5/SonicRN12/20/35n0	Sonic RN12/20/35n0	12,5	A	CD60	900	1000	300	-	-	400	0,4	10	-	1A
701	DK/WO/CD60-12,5/SonicC8n0	Sonic C8n0	12,5	A	CD60	900	1000	300	-	-	400	0,6	10	-	1A
701	DK/WO/CD60-12,5/SonicC12n0	Sonic C12n0	12,5	A	CD60	900	1000	300	-	-	400	0,55	10	-	1A
703	DK/WO/CD60-12,5/SonicR15n1 [5]	Sonic R15n1 [5]	12,5	A	CD60	900	1000	300	glass wool	80	300	0,6	10	-	1A
703	DK/WO/CD60-12,5/SonicR12n2	Sonic R12n2 [5]	12,5	A	CD60	900	1000	300	glass wool	80	300	0,6	10	-	1A
703	DK/WO/CD60-12,5/SonicR15n8	Sonic R15n8 [5]	12,5	A	CD60	900	1000	300	glass wool	80	300	0,5	10	-	1A
703	DK/WO/CD60-12,5/SonicC10n8	Sonic C10n8 [5]	12,5	A	CD60	900	1000	300	glass wool	80	300	0,7	10	-	1A
703	DK/WO/CD60-12,5/SonicL5x80n8	Sonic L5x80n8 [3]	12,5	A	CD60	900	1000	300	glass wool	80	300	0,55	10	-	1A

[1] It is possible to apply all the Nida load-bearing structure and suspension types interchangeably.
[2] The ITB acoustic test report: NA-1162/P/2004 (LA-1197a/200[5]).
[3] The weight does not include the weight of the insulation material.
[4] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[5] The plasterboard is under the trade name Creason.



Page	Nida Sufit system name	Frame structure [1]				Plasterboard sheathing [5]		Min. suspension height	Weight of 1m² of encasement	Fire resistance class	Max. load of Nida ceiling		Resistance to impact [4]
		Type of Nida profile	Max. spacing of the Nida CD60 main profiles	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the Nida suspension elements	Nida	Thickness [mm]				Without fire resistance [2]	With fire resistance [3]	
			[mm]	[mm]	[mm]			[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
THE SYSTEM OF THE ACOUSTIC SUSPENDED CEILINGS ON THE NIDA CD60 LOAD-BEARING STRUCTURE WITH ADDITIONAL LOAD OF THE ACOUSTIC CEILING													
705	DK/WON/CD60-12,5/Cicha	CD60/CD60	1000	400	900	Cicha	12,5	222,5	15,5	(R)EI15	31	16	1A
705	DK/WON/CD60-12,5/Ciężka	CD60/CD60	1000	400	900	Ciężka	12,5	222,5	15,5	(R)EI15	31	16	1A
705	DK/WON/CD60-25/Cicha	CD60/CD60	1000	400	850	Cicha	2x12,5	235	28,3	(R)EI45	36	16	1A
705	DK/WON/CD60-25/Ciężka	CD60/CD60	1000	400	850	Ciężka	2x12,5	235	28,3	(R)EI45	36	16	1A
705	DK/WON/CD60-37,5/Cicha	CD60/CD60	1000	400	750	Cicha	3x12,5	247,5	41,1	(R)EI60	49	16	1A
705	DK/WON/CD60-37,5/Ciężka	CD60/CD60	1000	400	750	Ciężka	3x12,5	247,5	41,1	(R)EI60	49	16	1A
705	DK/WON/CD60-50/Cicha	CD60/CD60	850	400	750	Cicha	4x12,5	250	43,7	(R)EI90	58	16	1A
705	DK/WON/CD60-50/Ciężka	CD60/CD60	850	400	750	Ciężka	4x12,5	250	43,7	(R)EI90	58	16	1A
705	DK/WON/CD60-62,5/Cicha	CD60/CD60	650	400	650	Cicha	5x12,5	270	64,3	(R)EI120	87	16	1A
705	DK/WON/CD60-62,5/Ciężka	CD60/CD60	650	400	650	Ciężka	5x12,5	270	64,3	(R)EI120	87	16	1A

[1] It is possible to apply all the Nida load-bearing structure and suspension types interchangeably.
[2] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[3] The additional load based on the fire classification LBO-438-K/20.
[4] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[5] Depending on the requirements, interchangeable application of the following board types is acceptable: Nida Twarda type DEFH1IR, Nida Hydro type GMFH1I, Resistex type DFH2IR.



Page	Nida Sufit system name	Frame structure							Plasterboard sheathing		Min. suspension height	Weight of 1m² of encasement	Fire resistance class	Resistance to impact [2]
		Type of Nida profile	Nida cross connector	Suspension - threaded rod (ø)	Max. spacing of the Nida UA50 main profiles [1]	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the Nida suspension elements		Nida	Thickness [mm]				
				[mm]	[mm]	[mm]	[mm]				[mm]	[kg]	[min]	Class
THE SYSTEM OF THE SUSPENDED CEILINGS ON THE DOUBLE-LEVEL NIDA UA50 / NIDA CD60 LOAD-BEARING STRUCTURE														
707	DK/PG/UA/CD60-12,5/Expert	UA50/CD60	LK UA50-CD60	8	1500	400	1750		Expert	12,5	222,5	10,9	-	1A
707	DK/PG/UA/CD60-12,5/Woda [3]	UA50/CD60	LK UA50-CD60	8	1500	400	1750		Woda	12,5	222,5	11,4	-	1A
707	DK/PG/UA/CD60-12,5/Ogień+	UA50/CD60	LK UA50-CD60	8	1500	400	1750		Ogień Plus	12,5	222,5	12,7	-	1A
707	DK/PG/UA/CD60-12,5/WodaOgień+	UA50/CD60	LK UA50-CD60	8	1500	400	1750		Woda Ogień Plus	12,5	222,5	12,7	-	1A
707	DK/PG/UA/CD60-12,5/Twarda	UA50/CD60	LK UA50-CD60	8	1100	400	1200		Twarda	12,5	222,5	15,5	-	1A
707	DK/PG/UA/CD60-12,5/Hydro	UA50/CD60	LK UA50-CD60	8	1100	400	1200		Hydro	12,5	222,5	13,5	-	1A
707	DK/PG/UA/CD60-25/Expert	UA50/CD60	LK UA50-CD60	8	1100	400	1200		Expert	2x12,5	235	19,1	-	1A
707	DK/PG/UA/CD60-25/Woda [3]	UA50/CD60	LK UA50-CD60	8	1100	400	1200		Woda	2x12,5	235	20,1	-	1A
707	DK/PG/UA/CD60-25/Ogień+	UA50/CD60	LK UA50-CD60	8	1100	400	1200		Ogień Plus	2x12,5	235	22,7	-	1A
707	DK/PG/UA/CD60-25/WodaOgień+	UA50/CD60	LK UA50-CD60	8	1100	400	1200		Woda Ogień Plus	2x12,5	235	22,7	-	1A
707	DK/PG/UA/CD60-25/Twarda	UA50/CD60	LK UA50-CD60	8	1100	400	1200		Twarda	2x12,5	235	28,3	-	1A
707	DK/PG/UA/CD60-25/Hydro	UA50/CD60	LK UA50-CD60	8	1100	400	1200		Hydro	2x12,5	235	24,3	-	1A

[1] The table presented at the end of this section should be utilised for any other configuration of the main profile and suspension elements.
[2] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).

Page	Nida Sufit system name	Frame structure				Plasterboard sheathing		Insulation material			Min. suspension height	Weight of 1m² of encasement	Fire resistance class [1]	Max. load of Nida ceiling	Resistance to impact [2]	Special system
		Type of Nida profile	Max. spacing of the Nida CD60 main profiles	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the suspension elements (threaded rod ø8)	Trade name	Thickness	Mineral wool	Thickness	Density						
			[mm]	[mm]	[mm]	Nida	[mm]		[mm]	[kg/m³]	[mm]	[kg]	[min]	[kg/m²]	Class	
THE SYSTEM OF THE SUSPENDED CEILINGS ON THE DOUBLE-LEVEL NIDA UA50 / NIDA CD60 LOAD-BEARING STRUCTURE - DOUBLE-SIDED FIRE RESISTANCE																
709	DK/PG/UA/CD60- 60/MW/Ogień+	UAR50/CD60	800	400	700	Ogień Plus	4x15,0	rock wool	2x50	25	300	62,5	(R)EI120 [3]	2,5	1A	●
709	DK/PG/UA/CD60- 60/MW/WodaOgień+	UAR50/CD60	800	400	700	Woda Ogień Plus	4x15,0	rock wool	2x50	25	300	62,5	(R)EI120 [3]	2,5	1A	●

[1] Declaration of Performance (DoP) - DoP/Ceiling System/0038/15.11.2016, fire classification LBO-056-KZ/22.
[2] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[3] The fire resistance class (a ↔ b) - meets the requirements for the fire exposition from the top and from the bottom side.

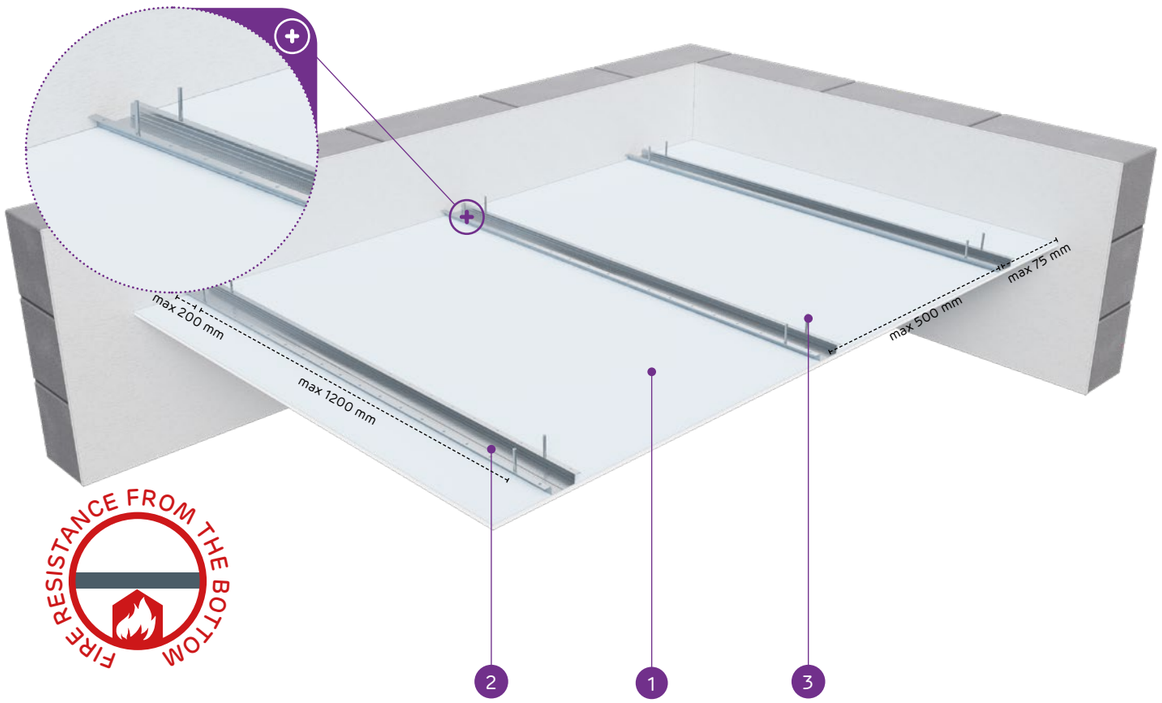
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
(R)EI20 (R)EI30	66 kg/m²	27,5 mm	9,9-17,1 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0023/15.11.2016

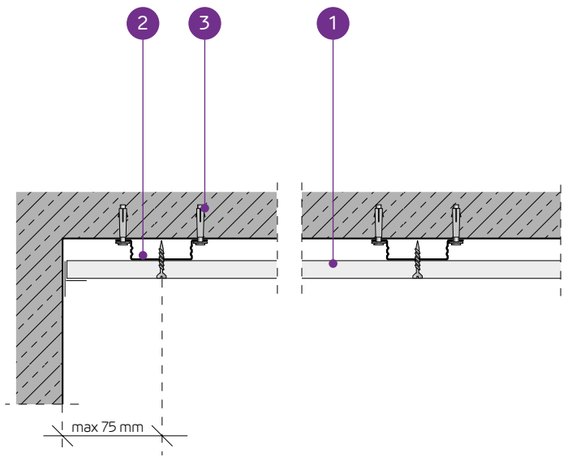
SYSTEMS:

PK48/12,5; PK48/15; PK48/18



MATERIALS:

1. Nida plasterboard
2. Nida PK48 top-hat profile
3. Steel anchoring element



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

etex inspiring ways of living

Promat

POLSKI GIPS

KONFEDERACJA BUDOWNICTWA I NIERUCHOMOŚCI

THE SYSTEM OF CEILING SHEATHING ON THE NIDA PK48 TOP-HAT PROFILES

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure			Plasterboard sheathing		Min. suspension height	Weight of 1m² of encasement	Fire resistance class	Max. load of Nida ceiling		Resistance to impact[3]
	Type of Nida profile	Max. spacing of the Nida load-bearing profiles	Max. spacing of the suspension elements	Nida	Thickness				Without fire resistance[1]	With fire resistance[2]	
		[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
PK48/12,5/Expert	PK48	400/500	1200	Expert	12,5	27,5	9,9	-	30/24	-	1A
PK48/12,5/Woda[4]	PK48	400/500	1200	Woda	12,5	27,5	10,4	-	30/24	-	1A
PK48/12,5/Ogień+	PK48	400	900	Ogień Plus	12,5	27,5	11,7	(R)EI20	66	7,5	1A
PK48/12,5/WodaOgień+	PK48	400	900	Woda Ogień Plus	12,5	27,5	11,7	(R)EI20	66	7,5	1A
PK48/12,5/Twarda	PK48	400	900	Twarda	12,5	27,5	14,5	(R)EI20	66	7,5	1A
PK48/12,5/Hydro	PK48	400	900	Hydro	12,5	27,5	12,5	(R)EI20	66	7,5	1A
PK48/15/Ogień+	PK48	400	900	Ogień Plus	15,0	30	15,2	(R)EI20	66	7,5	1A
PK48/15/Twarda	PK48	400	900	Twarda	15,0	30	17,1	(R)EI20	66	7,5	1A
PK48/15/Hydro	PK48	400	900	Hydro	15,0	30	15,2	(R)EI20	66	7,5	1A
PK48/18/Ogień+	PK48	400	900	Ogień Plus	18,0	33	15,9	(R)EI30	66	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[4] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).

CONSUMPTION OF MATERIALS PER 1M² FOR THE CEILING SHEATHING CONSTRUCTED ACCORDING TO THE NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name									
		PK48/12,5/ Expert	PK48/12,5/ Woda	PK48/12,5/ Ogień+	PK48/12,5/ WodaOgień+	PK48/12,5/ Twarda	PK48/12,5/ Hydro	PK48/15/ Ogień+	PK48/15/ Twarda	PK48/15/ Hydro	PK48/18/ Ogień+
		Consumption of material per 1m²									
Nida Expert 12.5 mm plasterboard	m²	1,0	-	-	-	-	-	-	-	-	-
Nida Woda 12.5 mm plasterboard	m²	-	1,0	-	-	-	-	-	-	-	-
Nida Ogień Plus 12.5 mm plasterboard	m²	-	-	1,0	-	-	-	-	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	-	-	1,0	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	-	-	1,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m²	-	-	-	-	-	1,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	1,0	-	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	1,0	-	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	1,0	-
Nida Ogień Plus 18.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	1,0
Nida PK48 profile	lm	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5
Steel anchoring element[5]	pcs	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0
Nida 3.5x25 mm sheet metal screws	pcs	18,0	18,0	18,0	18,0	-	-	18,0	-	-	-
Nida 3.5x35 mm sheet metal screws	pcs	-	-	-	-	-	-	-	-	-	18,0
FixDens 4.2 x 25 mm screws	pcs	-	-	-	-	18,0	-	-	18,0	-	-
Nida Hydro CS 3.5x25 mm sheet metal screws	pcs	-	-	-	-	-	18,0	-	-	18,0	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,3	0,3	0,3	0,3	-	-	0,3	-	-	0,3
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1	-	-	0,1	-	-	0,1
Nida Hydromix ready-to-use joint filler[6]	kg	-	-	-	-	0,4	0,4	-	0,4	0,4	-

[5] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[6] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
The standards concerning the amount of utilised material do not cover the loss of the material.

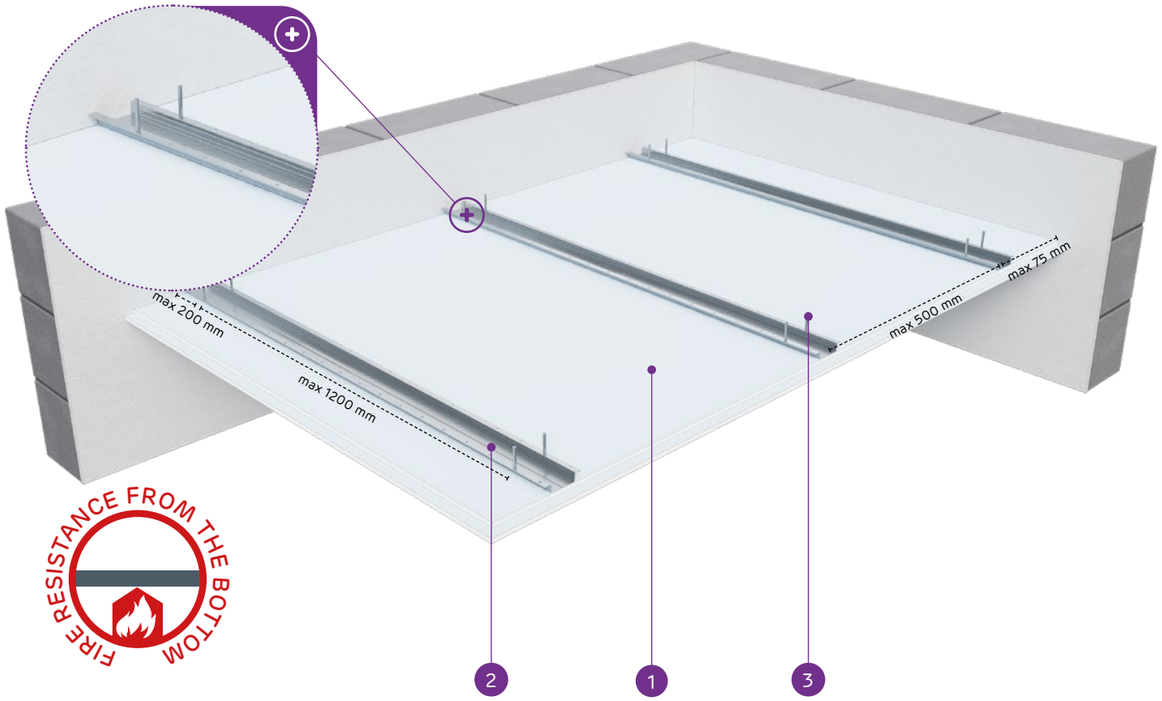
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
(R)EI30 (R)EI45 (R)EI60	72 kg/m²	40 mm	18,1-32,5 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0023/15.11.2016

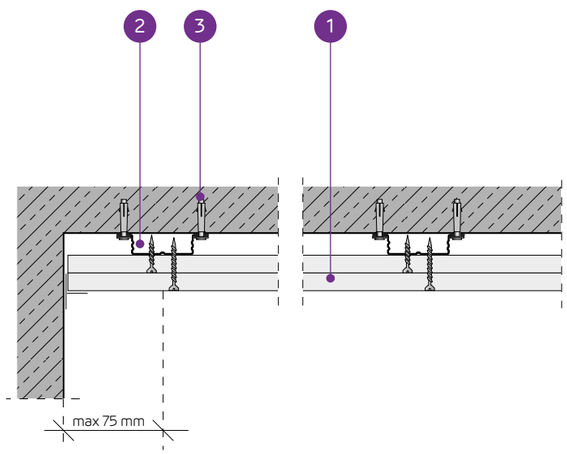
SYSTEMS:

PK48/25; PK48/27,5; PK48/30



MATERIALS:

1. Nida plasterboard
2. Nida PK48 top-hat profile
3. Steel anchoring element



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

etex inspiring ways of living

Promat

Polski GPS

KONFEDERACJA BUDOWNICTWA I NIERUCHOMOŚCI

THE SYSTEM OF CEILING SHEATHING ON THE NIDA PK48 TOP-HAT PROFILES

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure			Plasterboard sheathing		Min. suspension height	Weight of 1m² of encasement	Fire resistance class	Max. load of Nida ceiling		Resistance to impact [3]
	Type of Nida profile	Max. spacing of the Nida load-bearing profiles	Max. spacing of the suspension elements	Nida	Thickness				Without fire resistance [1]	With fire resistance [2]	
		[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
PK48/25/Expert	PK48	400/500	1200	Expert	2x12,5	40	18,1	-	33/26	-	1A
PK48/25/Woda [4]	PK48	400/500	1200	Woda	2x12,5	40	19,1	-	33/26	-	1A
PK48/25/OgieńTypF	PK48	400	900	Ogień Typ F	2x12,5	40	18,9	(R)EI30	72	13,3	1A
PK48/25/Ogień+	PK48	400	900	Ogień Plus	2x12,5	40	21,7	(R)EI45	72	7,5	1A
PK48/25/WodaOgień+	PK48	400	900	Woda Ogień Plus	2x12,5	40	21,7	(R)EI45	72	7,5	1A
PK48/25/Twarda	PK48	400	900	Twarda	2x12,5	40	27,3	(R)EI45	72	7,5	1A
PK48/25/Hydro	PK48	400	900	Hydro	2x12,5	40	23,3	(R)EI45	72	7,5	1A
PK48/27,5/Ogień+ [5]	PK48	400	900	Ogień Plus	1x12,5+1x15,0	42,5	26,0	(R)EI60	72	7,5	1A
PK48/30/Ogień+	PK48	400	900	Ogień Plus	2x15,0	45	28,7	(R)EI60	72	7,5	1A
PK48/30/Twarda	PK48	400	900	Twarda	2x15,0	45	32,5	(R)EI60	72	7,5	1A
PK48/30/Hydro	PK48	400	900	Hydro	2x15,0	45	28,7	(R)EI60	72	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[4] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).
[5] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.

CONSUMPTION OF MATERIALS PER 1M² FOR THE CEILING SHEATHING CONSTRUCTED ACCORDING TO THE NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name										
		PK48/25/ Expert	PK48/25/ Woda	PK48/25/ OgieńTypF	PK48/25/ Ogień+	PK48/25/ WodaOgień+	PK48/25/ Twarda	PK48/25/ Hydro	PK48/27,5/ Ogień+	PK48/30/ Ogień+	PK48/30/ Twarda	PK48/30/ Hydro
		Consumption of material per 1m²										
Nida Expert 12.5 mm plasterboard	m²	2,0	-	-	-	-	-	-	-	-	-	-
Nida Woda 12.5 mm plasterboard	m²	-	2,0	-	-	-	-	-	-	-	-	-
Nida Ogień Type F 12.5 mm plasterboard	m²	-	-	2,0	-	-	-	-	-	-	-	-
Nida Ogień Plus 12.5 mm plasterboard	m²	-	-	-	2,0	-	-	-	1,0	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	-	-	-	2,0	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	-	-	-	2,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m²	-	-	-	-	-	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	1,0	2,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	2,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	-	2,0
Nida PK48 profile	lm	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5
Steel anchoring element [6]	pcs.	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0
Nida 3.5x25 mm sheet metal screws	pcs.	6,0	6,0	6,0	6,0	6,0	-	-	6,0	6,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	18,0	18,0	18,0	18,0	18,0	-	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	18,0	18,0	-	-
FixDens 4.2 x 25 mm screws	pcs.	-	-	-	-	-	6,0	-	-	-	6,0	-
FixDens 4.2 x 42 mm screws	pcs.	-	-	-	-	-	18,0	-	-	-	-	-
FixDens 4.2 x 60 mm screws	pcs.	-	-	-	-	-	-	-	-	-	18,0	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	-	6,0	-	-	-	6,0
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	-	-	18,0	-	-	-	18,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,6	0,6	0,6	0,6	0,6	-	-	0,6	0,6	-	-
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1	0,1	-	-	0,1	0,1	-	-
Nida Hydromix ready-to-use joint filler [7]	kg	-	-	-	-	-	0,7	0,7	-	-	0,7	0,7

[6] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[7] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
The standards concerning the amount of utilised material do not cover the loss of the material.

www.siniat.pl

Nida systems search engine
www.systemynida.pl

Calculator of the Nida systems
www.siniat.pl/kalkulatory

Follow us on:

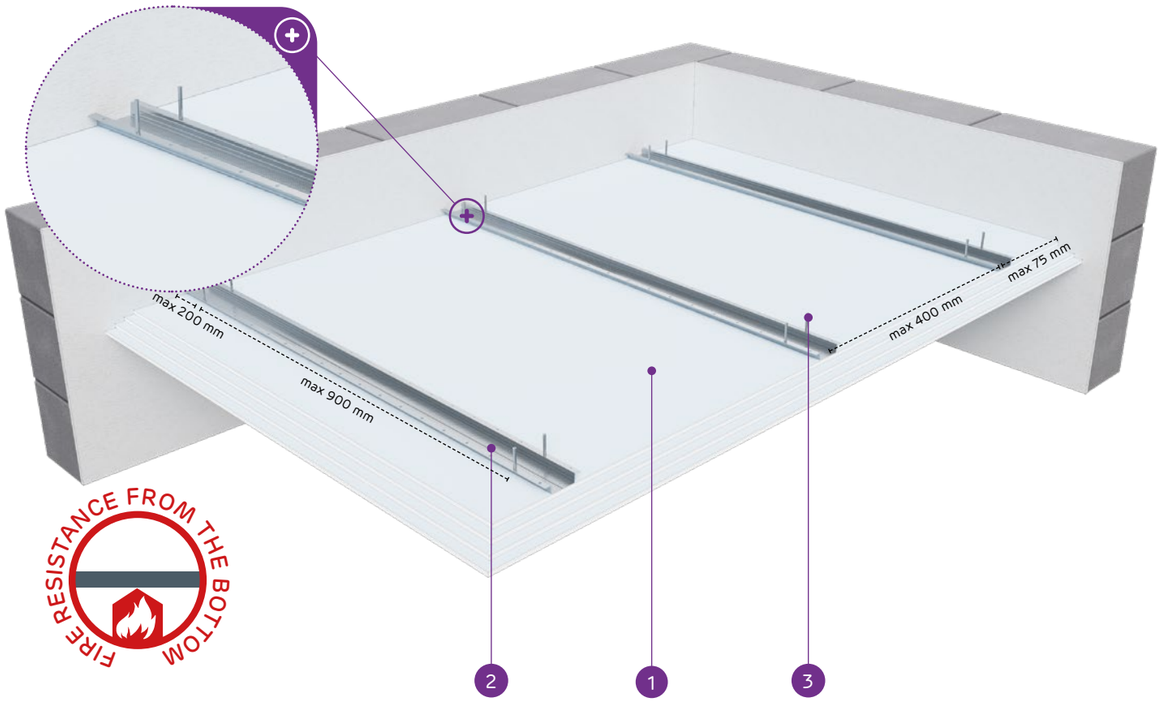
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
(R)EI60 (R)EI90 (R)EI120	100 kg/m²	52,5 mm	31,7-63,3 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0023/15.11.2016

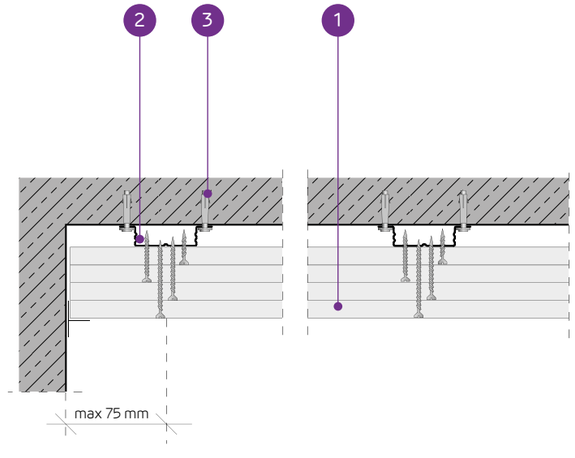
SYSTEMS:

PK48/37,5; PK48/40; PK48/55; PK48/60



MATERIALS:

1. Nida plasterboard
2. Nida PK48 top-hat profile
3. Steel anchoring element



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

etex inspiring ways of living

Promat

Polski Gips

KONFEDERACJA BUDOWNICTWA I NIERUCHOMOŚCI

THE SYSTEM OF CEILING SHEATHING ON THE NIDA PK48 TOP-HAT PROFILES

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure			Plasterboard sheathing		Min. suspension height	Weight of 1m² of encasement	Fire resistance class	Max. load of Nida ceiling		Resistance to impact[3]
	Type of Nida profile	Max. spacing of the Nida load-bearing profiles	Max. spacing of the suspension elements	Nida	Thickness				Without fire resistance[1]	With fire resistance[2]	
		[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
PK48/37,5/Ogień+	PK48	400	900	Ogień Plus	3x12,5	52,5	31,7	(R)EI60	88	7,5	1A
PK48/37,5/WodaOgień+	PK48	400	900	Woda Ogień Plus	3x12,5	52,5	31,7	(R)EI60	88	7,5	1A
PK48/37,5/Twarda	PK48	400	900	Twarda	3x12,5	52,5	40,1	(R)EI60	88	7,5	1A
PK48/37,5/Hydro	PK48	400	900	Hydro	3x12,5	52,5	34,1	(R)EI60	88	7,5	1A
PK48/40/Ogień+	PK48	400	850	Ogień Plus	2x12,5+15,0	55	35,2	(R)EI90	93	7,5	1A
PK48/40/Twarda	PK48	400	850	Twarda	2x12,5+15,0	55	42,7	(R)EI90	93	7,5	1A
PK48/40/Hydro	PK48	400	850	Hydro	2x12,5+15,0	55	36,8	(R)EI90	93	7,5	1A
PK48/55/Ogień+	PK48	400	750	Ogień Plus	2x12,5+2x15,0	75	48,7	(R)EI120	100	7,5	1A
PK48/60/Ogień+	PK48	400	750	Ogień Plus	4x15,0	75	55,7	(R)EI120	100	7,5	1A
PK48/60/Twarda	PK48	400	750	Twarda	4x15,0	75	63,3	(R)EI120	100	7,5	1A
PK48/60/Hydro	PK48	400	750	Hydro	4x15,0	75	55,7	(R)EI120	100	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.

CONSUMPTION OF MATERIALS PER 1M² FOR THE CEILING SHEATHING CONSTRUCTED ACCORDING TO THE NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name										
		PK48/37,5/ Ogień+	PK48/37,5/ WodaOgień+	PK48/37,5/ Twarda	PK48/37,5/ Hydro	PK48/40/ Ogień+	PK48/40/ Twarda	PK48/40/ Hydro	PK48/55/ Ogień+	PK48/60/ Ogień+	PK48/60/ Twarda	PK48/60/ Hydro
		Consumption of material per 1m²										
Nida Ogień Plus 12.5 mm plasterboard	m²	3,0	-	-	-	2,0	-	-	2,0	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	3,0	-	-	-	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	3,0	-	-	2,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m²	-	-	-	3,0	-	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	1,0	-	-	2,0	4,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	1,0	-	-	-	4,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	1,0	-	-	-	4,0
Nida PK48 profile	lm	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5
Steel anchoring element[4]	pcs.	6,0	6,0	6,0	6,0	6,1	6,1	6,1	6,7	6,7	6,7	6,7
Nida 3.5x25 mm sheet metal screws	pcs.	6,0	6,0	-	-	6,0	-	-	6,0	6,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	6,0	6,0	-	-	6,0	-	-	6,0	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	6,0	-	-
Nida 3.5x55 mm sheet metal screws	pcs.	18,0	18,0	-	-	18,0	-	-	6,0	6,0	-	-
Nida 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	18,0	18,0	-	-
FixDens 4.2 x 25 mm screws	pcs.	-	-	6,0	-	-	6,0	-	-	-	6,0	-
FixDens 4.2 x 42 mm screws	pcs.	-	-	6,0	-	-	6,0	-	-	-	6,0	-
FixDens 4.2 x 60 mm screws	pcs.	-	-	18,0	-	-	18,0	-	-	-	6,0	-
FixDens 4.5 x 80 mm screws	pcs.	-	-	-	-	-	-	-	-	-	18,0	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	6,0	-	-	6,0	-	-	-	6,0
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	6,0	-	-	6,0	-	-	-	6,0
Nida Hydro C5 3.5x55 mm sheet metal screws	pcs.	-	-	-	18,0	-	-	18,0	-	-	-	6,0
Nida Hydro C5 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	-	-	18,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,9	0,9	-	-	0,9	-	-	1,2	1,2	-	-
Nida Finish gypsum putty	kg	0,1	0,1	-	-	0,1	-	-	0,1	0,1	-	-
Nida Hydromix ready-to-use joint filler[5]	kg	-	-	1,0	1,0	-	1,0	1,0	-	-	1,3	1,3

[4] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[5] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
The standards concerning the amount of utilised material do not cover the loss of the material.

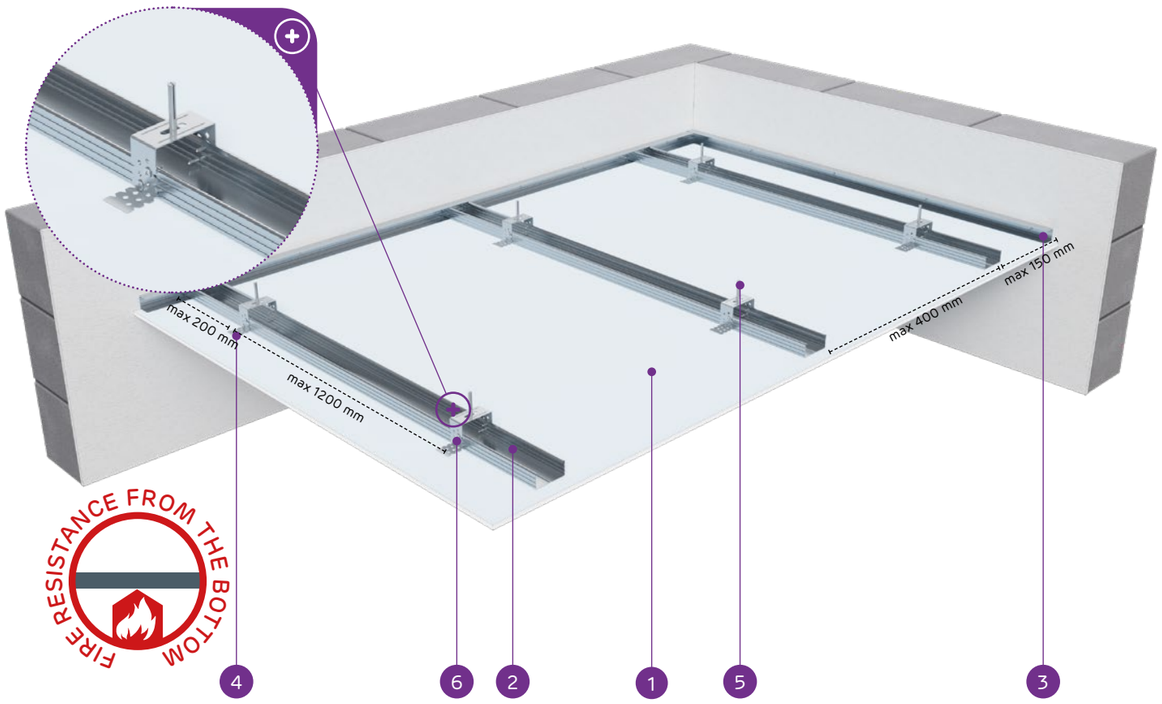
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
(R)EI20 (R)EI30	85 kg/m²	42,5 mm	9,9-17,1 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0021/15.11.2016

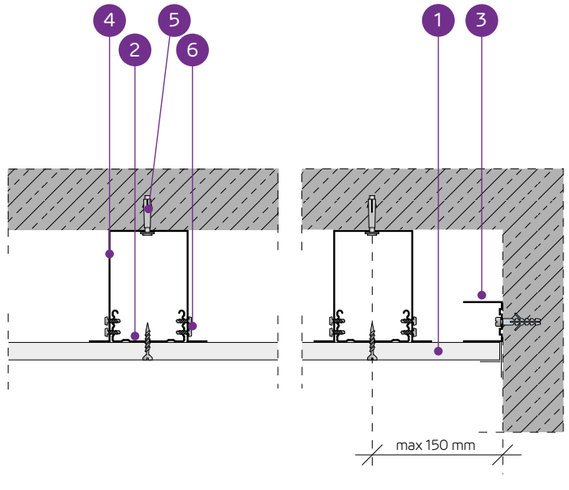
SYSTEMS:

ES/CD60-12,5; ES/CD60-15; ES/CD60-18



MATERIALS:

1. Nida plasterboard
2. Nida CD 60 profile
3. Nida UD 27 profile
4. Nida ES60 fixing element
5. Steel anchoring element
6. FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

etex inspiring ways of living

Promat

Polski GPS

KONFEDERACJA BUDOWNICTWA I NIERUCHOMOŚCI

THE SYSTEM OF THE SUSPENDED CEILINGS ON THE NIDA CD60 (NIDA ES60) LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure			Plasterboard sheathing		Min. suspension height	Weight of 1m² of encasement	Fire resistance class	Max. load of Nida ceiling		Resistance to impact[3]
	Type of Nida profile	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the suspension elements	Nida	Thickness				Without fire resistance[1]	With fire resistance[2]	
		[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
ES/CD60-12,5/Expert	CD60	400	1200	Expert	12,5	42,5	9,9	-	60	-	1A
ES/CD60-12,5/Woda[4]	CD60	400	1200	Woda	12,5	42,5	10,4	-	60	-	1A
ES/CD60-12,5/Ogień+	CD60	400	900	Ogień Plus	12,5	42,5	11,7	(R)EI20	80	7,5	1A
ES/CD60-12,5/WodaOgień+	CD60	400	900	Woda Ogień Plus	12,5	42,5	11,7	(R)EI20	80	7,5	1A
ES/CD60-12,5/Twarda	CD60	400	900	Twarda	12,5	42,5	14,5	(R)EI20	80	7,5	1A
ES/CD60-12,5/Hydro	CD60	400	900	Hydro	12,5	42,5	12,5	(R)EI20	80	7,5	1A
ES/CD60-15/Ogień+	CD60	400	850	Ogień Plus	15,0	45	15,2	(R)EI20	85	7,5	1A
ES/CD60-15/Twarda	CD60	400	850	Twarda	15,0	45	17,1	(R)EI20	85	7,5	1A
ES/CD60-15/Hydro	CD60	400	850	Hydro	15,0	45	15,2	(R)EI20	85	7,5	1A
ES/CD60-18/Ogień+	CD60	400	850	Ogień Plus	18,0	48	15,9	(R)EI30	85	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[4] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name									
		ES/CD60-12,5/ Expert	ES/CD60-12,5/ Woda	ES/CD60-12,5/ Ogień+	ES/CD60-12,5/ WodaOgień+	ES/CD60-12,5/ Twarda	ES/CD60-12,5/ Hydro	ES/CD60-15/ Ogień+	ES/CD60-15/ Twarda	ES/CD60-15/ Hydro	ES/CD60-18/ Ogień+
		Consumption of material per 1m²									
Nida Expert 12.5 mm plasterboard	m²	1,0	-	-	-	-	-	-	-	-	-
Nida Woda 12.5 mm plasterboard	m²	-	1,0	-	-	-	-	-	-	-	-
Nida Ogień Plus 12.5 mm plasterboard	m²	-	-	1,0	-	-	-	-	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	-	-	1,0	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	-	-	1,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m²	-	-	-	-	-	1,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	1,0	-	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	1,0	-	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	1,0	-
Nida Ogień Plus 18.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	1,0
Nida CD60 profile	lm	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5
Nida UD27 profile	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida ES60 fixing element	pcs.	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0
Nida LW60 lengthwise connector	pcs.	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Steel anchoring element[5]	pcs.	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0
Nida 3.5x25 mm sheet metal screws	pcs.	18,0	18,0	18,0	18,0	-	-	18,0	-	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	-	18,0
FixDens 4.2 x 25 mm screws	pcs.	-	-	-	-	18,0	-	-	18,0	-	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	18,0	-	-	18,0	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,3	0,3	0,3	0,3	-	-	0,3	-	-	0,3
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1	-	-	0,1	-	-	0,1
Nida Hydromix ready-to-use joint filler[6]	kg	-	-	-	-	0,4	0,4	-	0,4	0,4	-
Mineral wool[7]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[5] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[6] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[7] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

www.siniat.pl

Nida systems search engine
www.systemynida.pl

Calculator of the Nida systems
www.siniat.pl/kalkulatory

Follow us on:

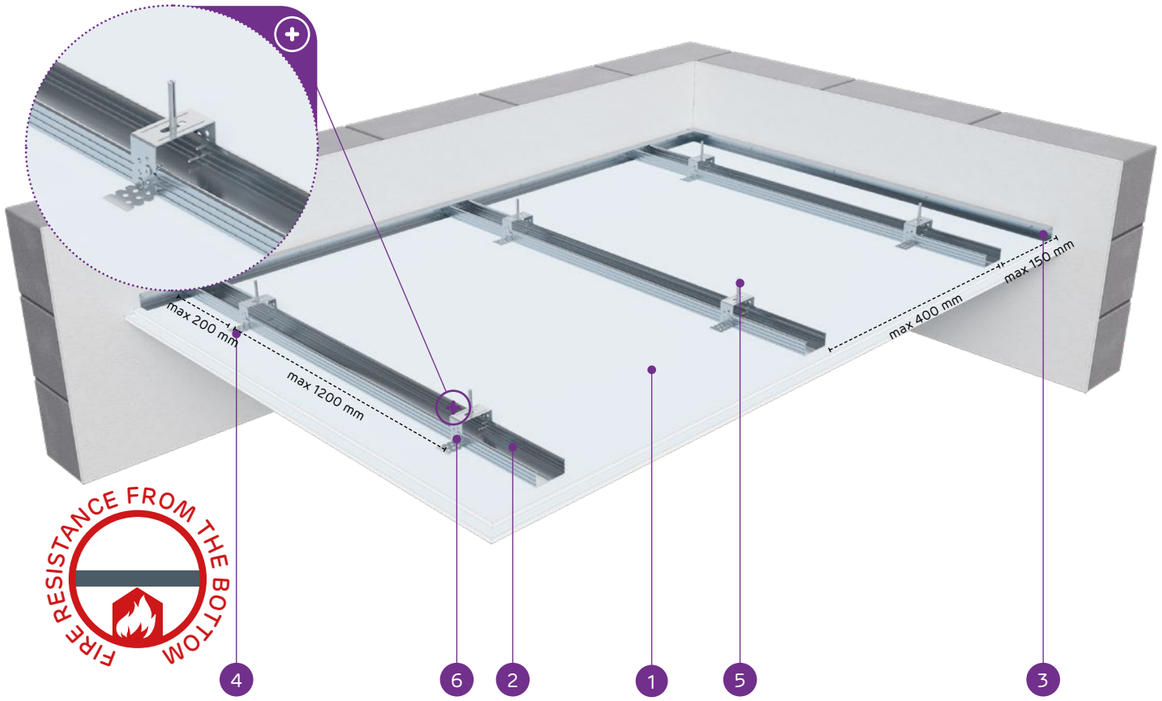
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
(R)EI30 (R)EI45 (R)EI60	92 kg/m²	55 mm	18,1-32,5 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0021/15.11.2016

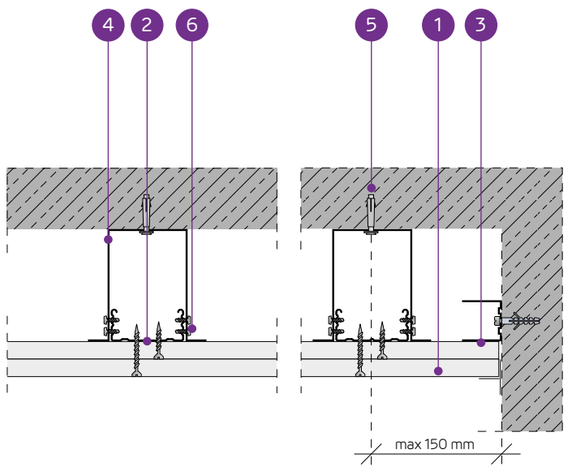
SYSTEMS:

ES/CD60-25; ES/CD60-27,5; ES/CD60-30



MATERIALS:

1. Nida plasterboard
2. Nida CD 60 profile
3. Nida UD 27 profile
4. Nida ES60 fixing element
5. Steel anchoring element
6. FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

etex inspiring ways of living

Promat

Polski GPS

KONFEDERACJA BUDOWNICTWA I NIERUCHOMOŚCI

THE SYSTEM OF THE SUSPENDED CEILINGS ON THE NIDA CD60 (NIDA ES60) LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure			Plasterboard sheathing		Min. suspension height	Weight of 1m² of encasement	Fire resistance class	Max. load of Nida ceiling		Resistance to impact [3]
	Type of Nida profile	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the suspension elements	Nida	Thickness				Without fire resistance [1]	With fire resistance [2]	
		[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
ES/CD60-25/Expert	CD60	400	1200	Expert	2x12,5	55	18,1	-	65	-	1A
ES/CD60-25/Woda [4]	CD60	400	1200	Woda	2x12,5	55	19,1	-	65	-	1A
ES/CD60-25/OgieńTypF	CD60	400	850	Ogień Typ F	2x12,5	55	18,9	(R)EI30	92	13,3	1A
ES/CD60-25/Ogień+	CD60	400	850	Ogień Plus	2x12,5	55	21,7	(R)EI45	92	7,5	1A
ES/CD60-25/WodaOgień+	CD60	400	850	Woda Ogień Plus	2x12,5	55	21,7	(R)EI45	92	7,5	1A
ES/CD60-25/Twarda	CD60	400	850	Twarda	2x12,5	55	27,3	(R)EI45	92	7,5	1A
ES/CD60-25/Hydro	CD60	400	850	Hydro	2x12,5	55	23,3	(R)EI45	92	7,5	1A
ES/CD60-27,5/Ogień+ [5]	CD60	400	850	Ogień Plus	1x12,5+1x15,0	57,5	26,0	(R)EI60	92	7,5	1A
ES/CD60-30/Ogień+	CD60	400	850	Ogień Plus	2x15,0	60	28,7	(R)EI60	92	7,5	1A
ES/CD60-30/Twarda	CD60	400	850	Twarda	2x15,0	60	32,5	(R)EI60	92	7,5	1A
ES/CD60-30/Hydro	CD60	400	850	Hydro	2x15,0	60	28,7	(R)EI60	92	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[4] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).
[5] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name										
		ES/CD60-25/ Expert	ES/CD60-25/ Woda	ES/CD60-25/ OgieńTypF	ES/CD60-25/ Ogień+	ES/CD60-25/ WodaOgień+	ES/CD60-25/ Twarda	ES/CD60-25/ Hydro	ES/ CD60-27,5/ Ogień+	ES/CD60-30/ Ogień+	ES/CD60-30/ Twarda	ES/CD60-30/ Hydro
		Consumption of material per 1m²										
Nida Expert 12.5 mm plasterboard	m²	2,0	-	-	-	-	-	-	-	-	-	-
Nida Woda 12.5 mm plasterboard	m²	-	2,0	-	-	-	-	-	-	-	-	-
Nida Ogień Type F 12.5 mm plasterboard	m²	-	-	2,0	-	-	-	-	-	-	-	-
Nida Ogień Plus 12.5 mm plasterboard	m²	-	-	-	2,0	-	-	-	1,0	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	-	-	-	2,0	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	-	-	-	2,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m²	-	-	-	-	-	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	1,0	2,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	2,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	-	2,0
Nida CD60 profile	lm	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5
Nida UD27 profile	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida ES60 fixing element	pcs.	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0
Nida LW60 lengthwise connector	pcs.	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Steel anchoring element [6]	pcs.	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0
Nida 3.5x25 mm sheet metal screws	pcs.	6,0	6,0	6,0	6,0	6,0	-	-	6,0	6,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	18,0	18,0	18,0	18,0	18,0	-	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	18,0	18,0	-	-
FixDens 4.2 x 25 mm screws	pcs.	-	-	-	-	-	6,0	-	-	-	6,0	-
FixDens 4.2 x 42 mm screws	pcs.	-	-	-	-	-	18,0	-	-	-	-	-
FixDens 4.2 x 60 mm screws	pcs.	-	-	-	-	-	-	-	-	-	18,0	-
Nida Hydro CS 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	-	6,0	-	-	-	6,0
Nida Hydro CS 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	-	-	18,0	-	-	-	18,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,6	0,6	0,6	0,6	0,6	-	-	0,6	0,6	-	-
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1	0,1	-	-	0,1	0,1	-	-
Nida Hydromix ready-to-use joint filler [7]	kg	-	-	-	-	-	0,7	0,7	-	-	0,7	0,7
Mineral wool [8]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[6] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[7] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[8] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

www.siniat.pl

Nida systems search engine
www.systemynida.pl

Calculator of the Nida systems
www.siniat.pl/kalkulatory

Follow us on:

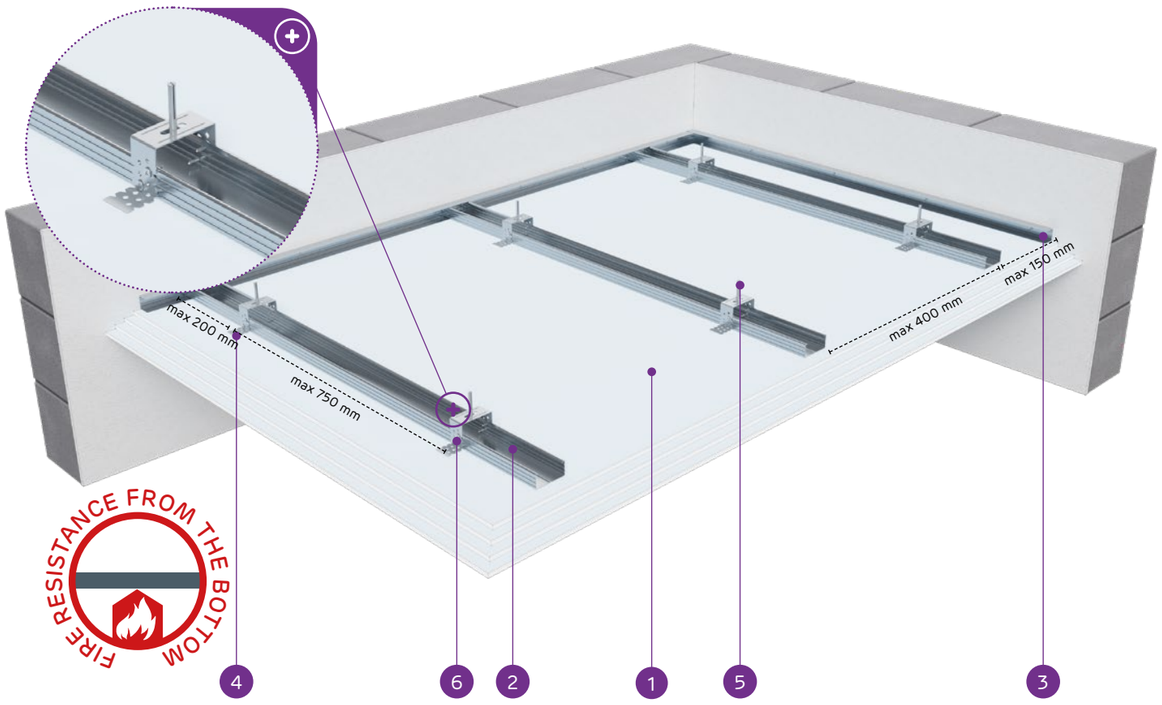
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
(R)EI60 (R)EI90 (R)EI120	100 kg/m²	67,5 mm	31,7-63,3 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0021/15.11.2016

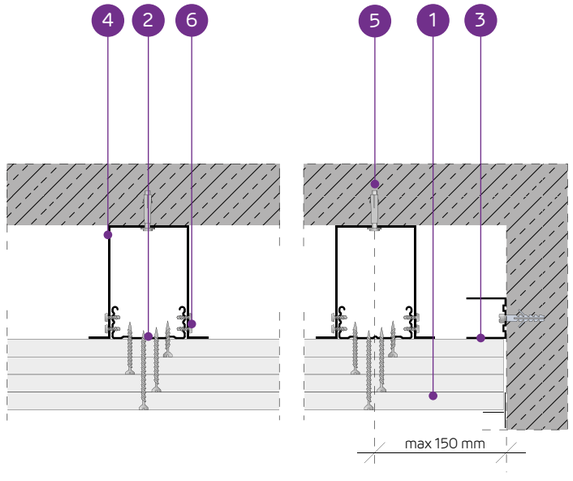
SYSTEMS:

ES/CD60-37,5; ES/CD60-40; ES/CD60-55; ES/CD60-60



MATERIALS:

1. Nida plasterboard
2. Nida CD 60 profile
3. Nida UD 27 profile
4. Nida ES60 fixing element
5. Steel anchoring element
6. FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

etex inspiring ways of living

Promat

Polski GIPS

KONFEDERACJA BUDOWNICTWA I NIERUCHOMOŚCI

THE SYSTEM OF THE SUSPENDED CEILINGS ON THE NIDA CD60 (NIDA ES60) LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure			Plasterboard sheathing		Min. suspension height	Weight of 1m² of encasement	Fire resistance class	Max. load of Nida ceiling		Resistance to impact[3]
	Type of Nida profile	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the suspension elements	Nida	Thickness				Without fire resistance[1]	With fire resistance[2]	
		[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
ES/CD60-37,5/Ogień+	CD60	400	750	Ogień Plus	3x12,5	67,5	31,7	(R)EI60	100	7,5	1A
ES/CD60-37,5/WodaOgień+	CD60	400	750	Woda Ogień Plus	3x12,5	67,5	31,7	(R)EI60	100	7,5	1A
ES/CD60-37,5/Twarda	CD60	400	750	Twarda	3x12,5	67,5	40,1	(R)EI60	100	7,5	1A
ES/CD60-37,5/Hydro	CD60	400	750	Hydro	3x12,5	67,5	34,1	(R)EI60	100	7,5	1A
ES/CD60-40/Ogień+	CD60	400	750	Ogień Plus	2x12,5+15,0	70	35,2	(R)EI90	100	7,5	1A
ES/CD60-40/Twarda	CD60	400	750	Twarda	2x12,5+15,0	70	42,7	(R)EI90	100	7,5	1A
ES/CD60-40/Hydro	CD60	400	750	Hydro	2x12,5+15,0	70	36,8	(R)EI90	100	7,5	1A
ES/CD60-55/Ogień+	CD60	400	650	Ogień Plus	2x12,5+2x15,0	90	48,7	(R)EI120	100	7,5	1A
ES/CD60-60/Ogień+	CD60	400	650	Ogień Plus	4x15,0	90	55,7	(R)EI120	100	7,5	1A
ES/CD60-60/Twarda	CD60	400	650	Twarda	4x15,0	90	63,3	(R)EI120	100	7,5	1A
ES/CD60-60/Hydro	CD60	400	650	Hydro	4x15,0	90	55,7	(R)EI120	100	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name										
		ES/CD60-37,5/ Ogień+	ES/CD60-37,5/ WodaOgień+	ES/CD60-37,5/ Twarda	ES/CD60-37,5/ Hydro	ES/CD60-40/ Ogień+	ES/CD60-40/ Twarda	ES/CD60-40/ Hydro	ES/CD60-55/ Ogień+	ES/CD60-60/ Ogień+	ES/CD60-60/ Twarda	ES/CD60-60/ Hydro
		Consumption of material per 1m²										
Nida Ogień Plus 12.5 mm plasterboard	m²	3,0	-	-	-	2,0	-	-	2,0	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	3,0	-	-	-	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	3,0	-	-	2,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m²	-	-	-	3,0	-	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	1,0	-	-	2,0	4,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	1,0	-	-	-	4,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	1,0	-	-	-	4,0
Nida CD60 profile	lm	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5
Nida UD27 profile	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida ES60 fixing element	pcs.	3,0	3,0	3,0	3,0	3,5	3,5	3,5	4,0	4,0	4,0	4,0
Nida LW60 lengthwise connector	pcs.	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Steel anchoring element[4]	pcs.	3,6	3,6	3,6	3,6	4,1	4,1	4,1	4,6	4,6	4,6	4,6
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	12,0	12,0	12,0	12,0	14,0	14,0	14,0	16,0	16,0	16,0	16,0
Nida 3.5x25 mm sheet metal screws	pcs.	6,0	6,0	-	-	6,0	-	-	6,0	6,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	6,0	6,0	-	-	6,0	-	-	6,0	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	6,0	-	-
Nida 3.5x55 mm sheet metal screws	pcs.	18,0	18,0	-	-	18,0	-	-	6,0	6,0	-	-
Nida 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	18,0	18,0	-	-
FixDens 4.2 x 25 mm screws	pcs.	-	-	6,0	-	-	6,0	-	-	-	6,0	-
FixDens 4.2 x 42 mm screws	pcs.	-	-	6,0	-	-	6,0	-	-	-	6,0	-
FixDens 4.2 x 60 mm screws	pcs.	-	-	18,0	-	-	18,0	-	-	-	6,0	-
FixDens 4.5 x 80 mm screws	pcs.	-	-	-	-	-	-	-	-	-	18,0	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	6,0	-	-	6,0	-	-	-	6,0
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	6,0	-	-	6,0	-	-	-	6,0
Nida Hydro C5 3.5x55 mm sheet metal screws	pcs.	-	-	-	18,0	-	-	18,0	-	-	-	6,0
Nida Hydro C5 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	-	-	18,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,9	0,9	-	-	0,9	-	-	1,2	1,2	-	-
Nida Finish gypsum putty	kg	0,1	0,1	-	-	0,1	-	-	0,1	0,1	-	-
Nida Hydromix ready-to-use joint filler[5]	kg	-	-	1,0	1,0	-	1,0	1,0	-	-	1,3	1,3
Mineral wool[6]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[4] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[5] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[6] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

www.siniat.pl

Nida systems search engine
www.systemynida.pl

Calculator of the Nida systems
www.siniat.pl/kalkulatory

Follow us on:

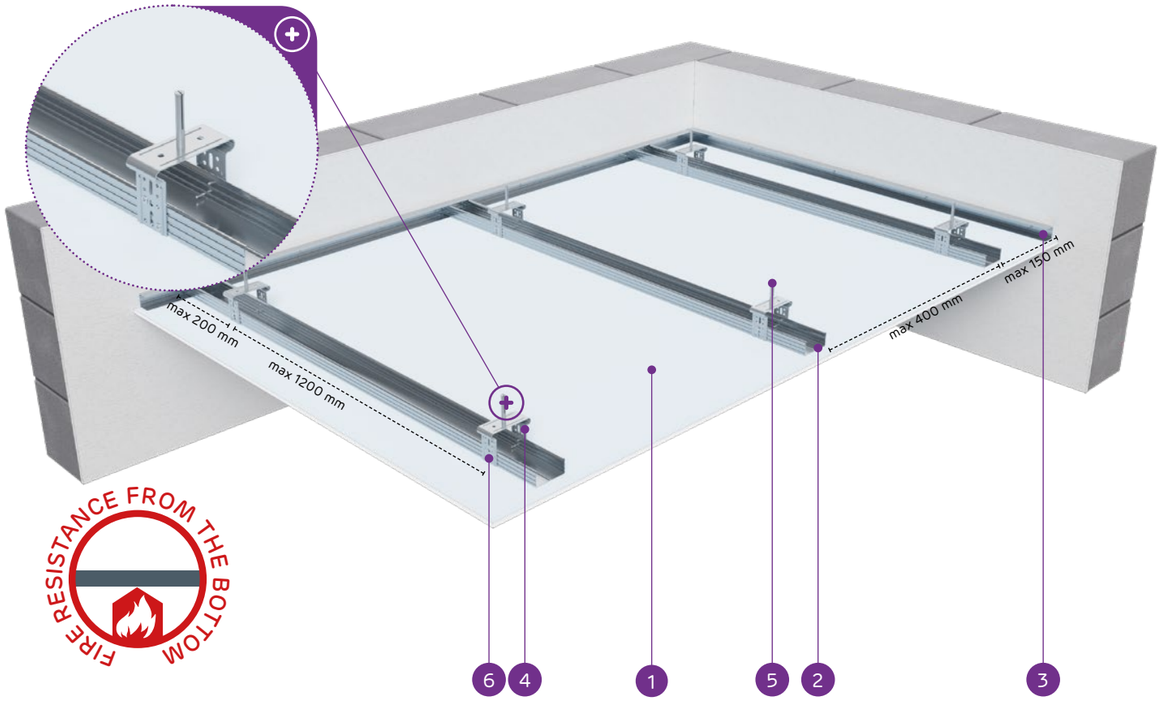
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
(R)EI20 (R)EI30	85 kg/m²	62,5 mm	9,9-17,1 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0021/15.11.2016

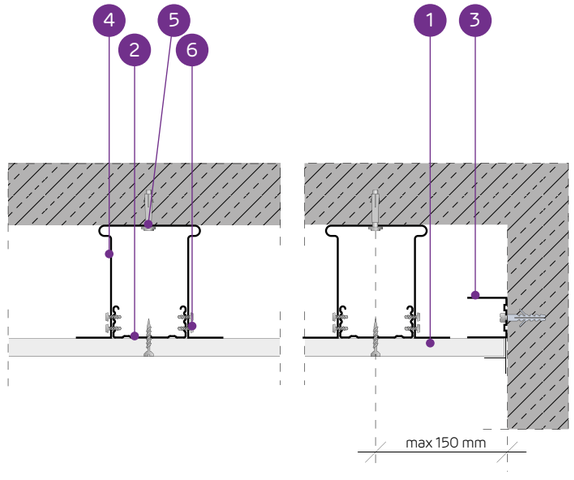
SYSTEMS:

EL/CD60-12,5; EL/CD60-15; EL/CD60-18



MATERIALS:

1. Nida plasterboard
2. Nida CD 60 profile
3. Nida UD 27 profile
4. Nida EL60 fixing element
5. Steel anchoring element
6. FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

etex inspiring ways of living

Promat

Polski GIPS

KONFEDERACJA BUDOWNICTWA I NIERUCHOMOŚCI

THE SYSTEM OF THE SUSPENDED CEILINGS ON THE NIDA CD60 (NIDA EL60) LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure			Plasterboard sheathing		Min. suspension height	Weight of 1m² of encase-ment	Fire resistance class	Max. load of Nida ceiling		Resistance to impact[3]
	Type of Nida profile	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the suspension elements	Nida	Thickness				Without fire resistance[1]	With fire resistance[2]	
		[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
EL/CD60-12,5/Expert	CD60	400	1200	Expert	12,5	62,5	9,9	-	60	-	1A
EL/CD60-12,5/Woda[4]	CD60	400	1200	Woda	12,5	62,5	10,4	-	60	-	1A
EL/CD60-12,5/Ogień+	CD60	400	900	Ogień Plus	12,5	62,5	11,7	(R)EI20	80	7,5	1A
EL/CD60-12,5/WodaOgień+	CD60	400	900	Woda Ogień Plus	12,5	62,5	11,7	(R)EI20	80	7,5	1A
EL/CD60-12,5/Twarda	CD60	400	900	Twarda	12,5	62,5	14,5	(R)EI20	80	7,5	1A
EL/CD60-12,5/Hydro	CD60	400	900	Hydro	12,5	62,5	12,5	(R)EI20	80	7,5	1A
EL/CD60-15/Ogień+	CD60	400	850	Ogień Plus	15,0	65	15,2	(R)EI20	85	7,5	1A
EL/CD60-15/Twarda	CD60	400	850	Twarda	15,0	65	17,1	(R)EI20	85	7,5	1A
EL/CD60-15/Hydro	CD60	400	850	Hydro	15,0	65	15,2	(R)EI20	85	7,5	1A
EL/CD60-18/Ogień+	CD60	400	850	Ogień Plus	18,0	68	15,9	(R)EI30	85	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[4] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name									
		EL/CD60-12,5/ Expert	EL/CD60-12,5/ Woda	EL/CD60-12,5/ Ogień+	EL/CD60-12,5/ WodaOgień+	EL/CD60-12,5/ Twarda	EL/CD60-12,5/ Hydro	EL/CD60-15/ Ogień+	EL/CD60-15/ Twarda	EL/CD60-15/ Hydro	EL/CD60-18/ Ogień+
		Consumption of material per 1m²									
Nida Expert 12.5 mm plasterboard	m²	1,0	-	-	-	-	-	-	-	-	-
Nida Woda 12.5 mm plasterboard	m²	-	1,0	-	-	-	-	-	-	-	-
Nida Ogień Plus 12.5 mm plasterboard	m²	-	-	1,0	-	-	-	-	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	-	-	1,0	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	-	-	1,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m²	-	-	-	-	-	1,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	1,0	-	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	1,0	-	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	1,0	-
Nida Ogień Plus 18.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	1,0
Nida CD60 profile	lm	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5
Nida UD27 profile	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida EL60 fixing element	pcs.	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0
Nida LW60 lengthwise connector	pcs.	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Steel anchoring element[5]	pcs.	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0
Nida 3.5x25 mm sheet metal screws	pcs.	18,0	18,0	18,0	18,0	-	-	18,0	-	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	-	18,0
FixDens 4.2 x 25 mm screws	pcs.	-	-	-	-	18,0	-	-	18,0	-	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	18,0	-	-	18,0	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,3	0,3	0,3	0,3	-	-	0,3	-	-	0,3
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1	-	-	0,1	-	-	0,1
Nida Hydromix ready-to-use joint filler[6]	kg	-	-	-	-	0,4	0,4	-	0,4	0,4	-
Mineral wool[7]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[5] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[6] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[7] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

www.siniat.pl

Nida systems search engine
www.systemynida.pl

Calculator of the Nida systems
www.siniat.pl/kalkulatory

Follow us on:

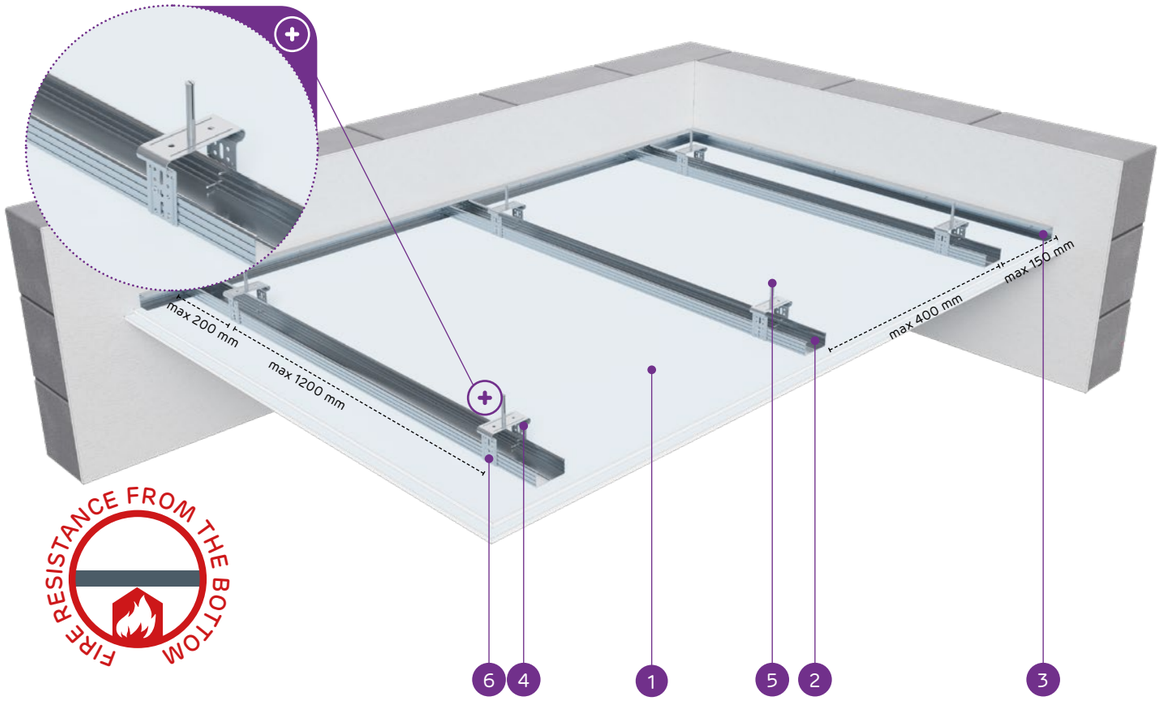
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
(R)EI30 (R)EI45 (R)EI60	92 kg/m²	18,1 mm	18,1-32,5 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0021/15.11.2016

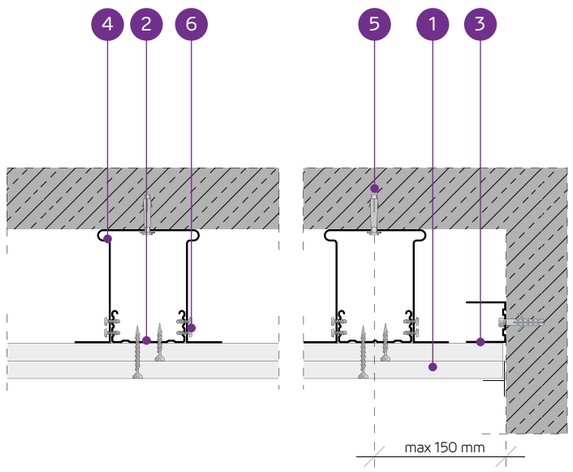
SYSTEMS:

EL/CD60-25; EL/CD60/27,5; EL/CD60-30



MATERIALS:

1. Nida plasterboard
2. Nida CD 60 profile
3. Nida UD 27 profile
4. Nida EL60 fixing element
5. Steel anchoring element
6. FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal



THE SYSTEM OF THE SUSPENDED CEILINGS ON THE NIDA CD60 (NIDA EL60) LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure			Plasterboard sheathing		Min. suspension height	Weight of 1m² of encasement	Fire resistance class	Max. load of Nida ceiling		Resistance to impact [3]
	Type of Nida profile	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the suspension elements	Nida	Thickness				Without fire resistance [1]	With fire resistance [2]	
		[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
EL/CD60-25/Expert	CD60	400	1200	Expert	2x12,5	75	18,1	-	65	-	1A
EL/CD60-25/Woda [4]	CD60	400	1200	Woda	2x12,5	75	19,1	-	65	-	1A
EL/CD60-25/OgieńTypF	CD60	400	850	Ogień Typ F	2x12,5	75	18,9	(R)EI30	92	13,3	1A
EL/CD60-25/Ogień+	CD60	400	850	Ogień Plus	2x12,5	75	21,7	(R)EI45	92	7,5	1A
EL/CD60-25/WodaOgień+	CD60	400	850	Woda Ogień Plus	2x12,5	75	21,7	(R)EI45	92	7,5	1A
EL/CD60-25/Twarda	CD60	400	850	Twarda	2x12,5	75	27,3	(R)EI45	92	7,5	1A
EL/CD60-25/Hydro	CD60	400	850	Hydro	2x12,5	75	23,3	(R)EI45	92	7,5	1A
EL/CD60-27,5/Ogień+ [5]	CD60	400	850	Ogień Plus	1x12,5+1x15,0	77,5	26,0	(R)EI60	92	7,5	1A
EL/CD60-30/Ogień+	CD60	400	850	Ogień Plus	2x15,0	80	28,7	(R)EI60	92	7,5	1A
EL/CD60-30/Twarda	CD60	400	850	Twarda	2x15,0	80	32,5	(R)EI60	92	7,5	1A
EL/CD60-30/Hydro	CD60	400	850	Hydro	2x15,0	80	28,7	(R)EI60	92	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[4] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).
[5] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name										
		EL/CD60-25/ Expert	EL/CD60-25/ Woda	EL/CD60-25/ OgieńTypF	EL/CD60-25/ Ogień+	EL/CD60-25/ WodaOgień+	EL/CD60-25/ Twarda	EL/CD60-25/ Hydro	EL/CD60-27,5/ Ogień+	EL/CD60-30/ Ogień+	EL/CD60-30/ Twarda	EL/CD60-30/ Hydro
		Consumption of material per 1m²										
Nida Expert 12.5 mm plasterboard	m²	2,0	-	-	-	-	-	-	-	-	-	-
Nida Woda 12.5 mm plasterboard	m²	-	2,0	-	-	-	-	-	-	-	-	-
Nida Ogień Type F 12.5 mm plasterboard	m²	-	-	2,0	-	-	-	-	-	-	-	-
Nida Ogień Plus 12.5 mm plasterboard	m²	-	-	-	2,0	-	-	-	1,0	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	-	-	-	2,0	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	-	-	-	2,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m²	-	-	-	-	-	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	1,0	2,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	2,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	-	2,0
Nida CD60 profile	lm	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5
Nida UD27 profile	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida EL60 fixing element	pcs.	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0
Nida LW60 lengthwise connector	pcs.	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Steel anchoring element [6]	pcs.	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0
Nida 3.5x25 mm sheet metal screws	pcs.	6,0	6,0	6,0	6,0	6,0	-	-	6,0	6,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	18,0	18,0	18,0	18,0	18,0	-	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	18,0	18,0	-	-
FixDens 4.2 x 25 mm screws	pcs.	-	-	-	-	-	6,0	-	-	-	6,0	-
FixDens 4.2 x 42 mm screws	pcs.	-	-	-	-	-	18,0	-	-	-	-	-
FixDens 4.2 x 60 mm screws	pcs.	-	-	-	-	-	-	-	-	-	18,0	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	-	6,0	-	-	-	6,0
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	-	-	18,0	-	-	-	18,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,6	0,6	0,6	0,6	0,6	-	-	0,6	0,6	-	-
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1	0,1	-	-	0,1	0,1	-	-
Nida Hydromix ready-to-use joint filler [7]	kg	-	-	-	-	-	0,7	0,7	-	-	0,7	0,7
Mineral wool [8]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[6] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[7] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[8] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

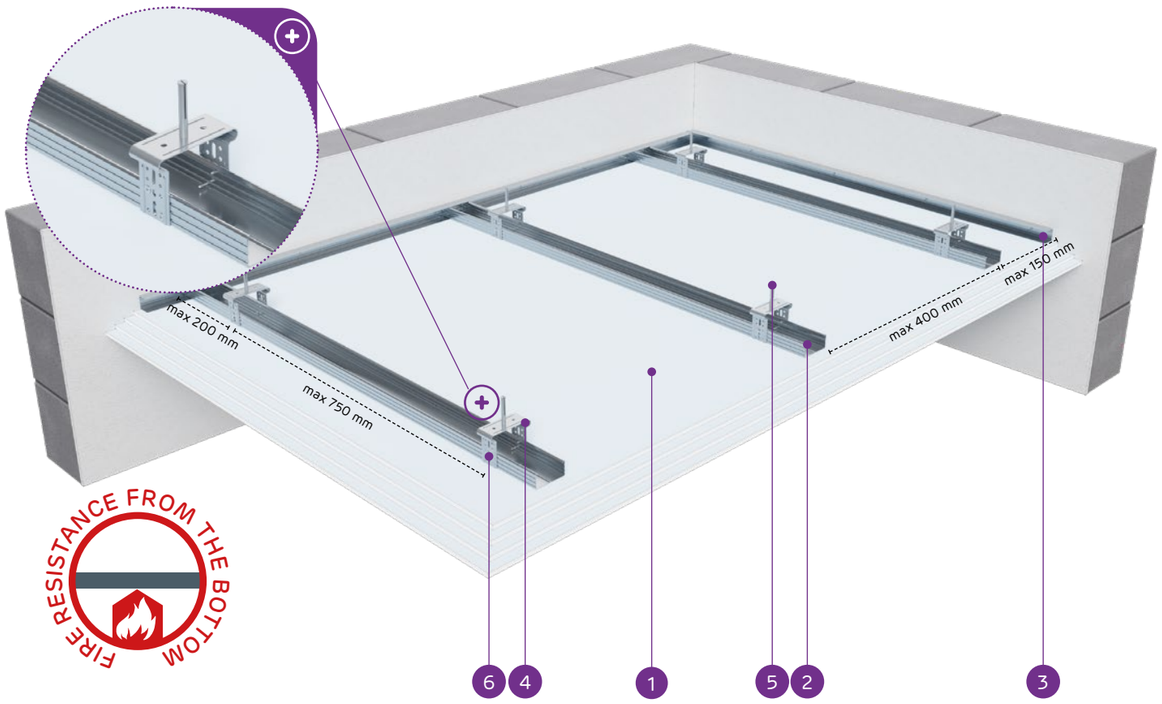
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
(R)EI60 (R)EI90 (R)EI120	100 kg/m²	87,5 mm	31,7-63,3 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0021/15.11.2016

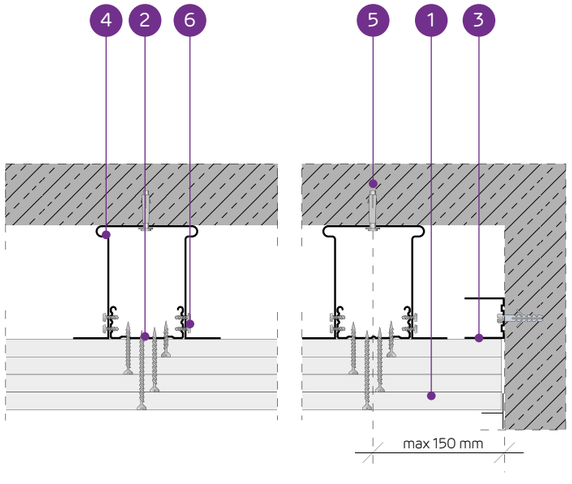
SYSTEMS:

EL/CD60-37,5; EL/CD60-40; EL/CD60-55; EL/CD60-60



MATERIALS:

1. Nida plasterboard
2. Nida CD 60 profile
3. Nida UD 27 profile
4. Nida EL60 fixing element
5. Steel anchoring element
6. FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

THE SYSTEM OF THE SUSPENDED CEILINGS ON THE NIDA CD60 (NIDA EL60) LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure			Plasterboard sheathing		Min. suspension height	Weight of 1m² of encasement	Fire resistance class	Max. load of Nida ceiling		Resistance to impact[3]
	Type of Nida profile	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the suspension elements	Nida	Thickness				Without fire resistance[1]	With fire resistance[2]	
		[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
EL/CD60-37,5/Ogień+	CD60	400	750	Ogień Plus	3x12,5	87,5	31,7	(R)EI60	100	7,5	1A
EL/CD60-37,5/WodaOgień+	CD60	400	750	Woda Ogień Plus	3x12,5	87,5	31,7	(R)EI60	100	7,5	1A
EL/CD60-37,5/Twarda	CD60	400	750	Twarda	3x12,5	87,5	40,1	(R)EI60	100	7,5	1A
EL/CD60-37,5/Hydro	CD60	400	750	Hydro	3x12,5	87,5	34,1	(R)EI60	100	7,5	1A
EL/CD60-40/Ogień+	CD60	400	750	Ogień Plus	2x12,5+15,0	90	35,2	(R)EI90	100	7,5	1A
EL/CD60-40/Twarda	CD60	400	750	Twarda	2x12,5+15,0	90	42,7	(R)EI90	100	7,5	1A
EL/CD60-40/Hydro	CD60	400	750	Hydro	2x12,5+15,0	90	36,8	(R)EI90	100	7,5	1A
EL/CD60-55/Ogień+	CD60	400	650	Ogień Plus	2x12,5+2x15,0	110	48,7	(R)EI120	100	7,5	1A
EL/CD60-60/Ogień+	CD60	400	650	Ogień Plus	4x15,0	110	55,7	(R)EI120	100	7,5	1A
EL/CD60-60/Twarda	CD60	400	650	Twarda	4x15,0	110	63,3	(R)EI120	100	7,5	1A
EL/CD60-60/Hydro	CD60	400	650	Hydro	4x15,0	110	55,7	(R)EI120	100	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name										
		EL/CD60-37,5/ Ogień+	EL/CD60-37,5/ WodaOgień+	EL/CD60-37,5/ Twarda	EL/CD60-37,5/ Hydro	EL/CD60-40/ Ogień+	EL/CD60-40/ Twarda	EL/CD60-40/ Hydro	EL/CD60-55/ Ogień+	EL/CD60-60/ Ogień+	EL/CD60-60/ Twarda	EL/CD60-60/ Hydro
		Consumption of material per 1m²										
Nida Ogień Plus 12.5 mm plasterboard	m²	3,0	-	-	-	2,0	-	-	2,0	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	3,0	-	-	-	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	3,0	-	-	2,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m²	-	-	-	3,0	-	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	1,0	-	-	2,0	4,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	1,0	-	-	-	4,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	1,0	-	-	-	4,0
Nida CD60 profile	lm	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5
Nida UD27 profile	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida EL60 fixing element	pcs.	3,0	3,0	3,0	3,0	3,5	3,5	3,5	4,0	4,0	4,0	4,0
Nida LW60 lengthwise connector	pcs.	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Steel anchoring element[4]	pcs.	3,6	3,6	3,6	3,6	4,1	4,1	4,1	4,6	4,6	4,6	4,6
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	12,0	12,0	12,0	12,0	14,0	14,0	14,0	16,0	16,0	16,0	16,0
Nida 3.5x25 mm sheet metal screws	pcs.	6,0	6,0	-	-	6,0	-	-	6,0	6,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	6,0	6,0	-	-	6,0	-	-	6,0	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	6,0	-	-
Nida 3.5x55 mm sheet metal screws	pcs.	18,0	18,0	-	-	18,0	-	-	6,0	6,0	-	-
Nida 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	18,0	18,0	-	-
FixDens 4.2 x 25 mm screws	pcs.	-	-	6,0	-	-	6,0	-	-	-	6,0	-
FixDens 4.2 x 42 mm screws	pcs.	-	-	6,0	-	-	6,0	-	-	-	6,0	-
FixDens 4.2 x 60 mm screws	pcs.	-	-	18,0	-	-	18,0	-	-	-	6,0	-
FixDens 4.5 x 80 mm screws	pcs.	-	-	-	-	-	-	-	-	-	18,0	-
Nida Hydro CS 3.5x25 mm sheet metal screws	pcs.	-	-	-	6,0	-	-	6,0	-	-	-	6,0
Nida Hydro CS 3.5x41 mm sheet metal screws	pcs.	-	-	-	6,0	-	-	6,0	-	-	-	6,0
Nida Hydro CS 3.5x55 mm sheet metal screws	pcs.	-	-	-	18,0	-	-	18,0	-	-	-	6,0
Nida Hydro CS 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	-	-	18,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,9	0,9	-	-	0,9	-	-	1,2	1,2	-	-
Nida Finish gypsum putty	kg	0,1	0,1	-	-	0,1	-	-	0,1	0,1	-	-
Nida Hydromix ready-to-use joint filler[5]	kg	-	-	1,0	1,0	-	1,0	1,0	-	-	1,3	1,3
Mineral wool[6]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[4] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[5] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[6] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

www.siniat.pl

Nida systems search engine
www.systemynida.pl

Calculator of the Nida systems
www.siniat.pl/kalkulatory

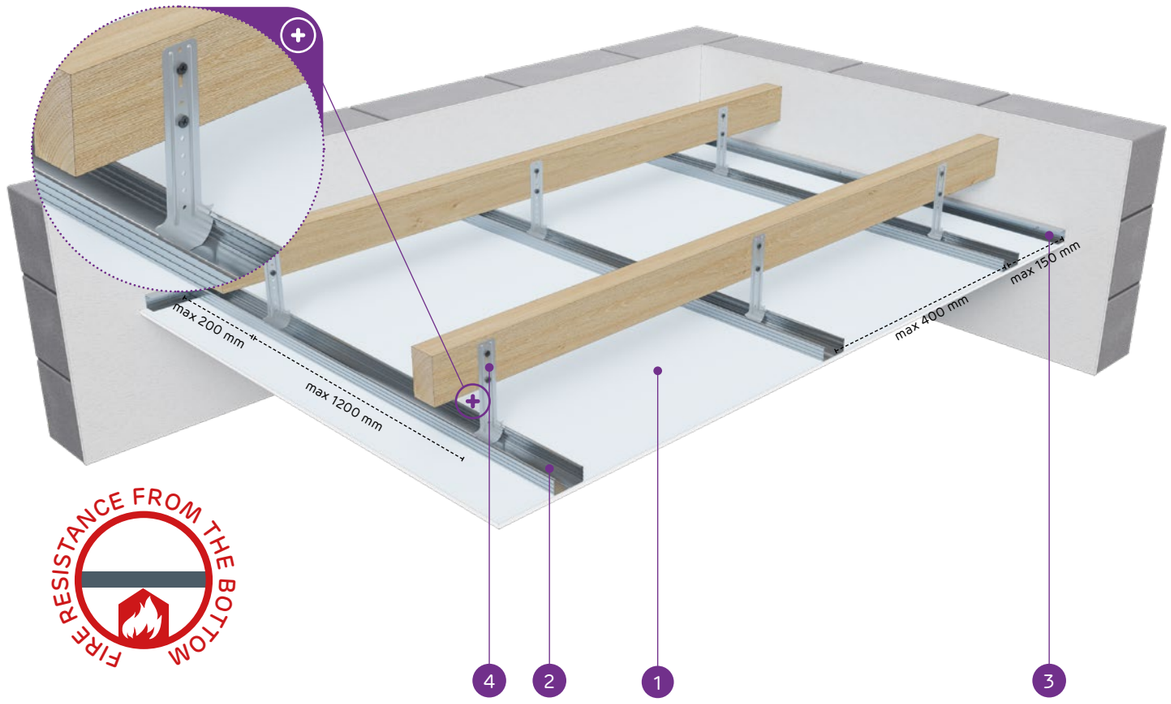
Follow us on:

nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
(R)EI20 (R)EI30	85 kg/m²	62,5 mm	9,9-17,1 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0021/15.11.2016

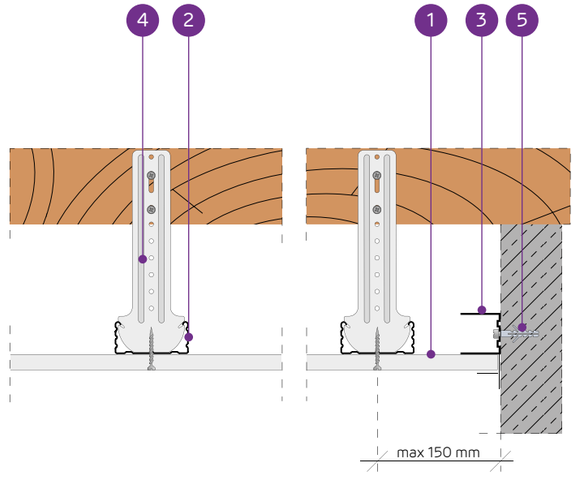
SYSTEMS:
WP/CD60-12,5; WP/CD60-15; WP/CD60-18



FIRE RESISTANCE FROM THE BOTTOM

MATERIALS:

1. Nida plasterboard
2. Nida CD 60 profile
3. Nida UD 27 profile
4. Nida WP60 loft hanger
5. Steel anchoring element



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

etex inspiring ways of living

Promat

POLSKI GIPS

KONFEDERACJA BUDOWNICTWA I NIERUCHOMOŚCI

THE SYSTEM OF THE SUSPENDED CEILINGS ON THE NIDA CD60 (NIDA WP60) LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure			Plasterboard sheathing		Min. suspension height	Weight of 1m² of encasement	Fire resistance class	Max. load of Nida ceiling		Resistance to impact[3]
	Type of Nida profile	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the suspension elements	Nida	Thickness				Without fire resistance[1]	With fire resistance[2]	
		[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
WP/CD60-12,5/Expert	CD60	400	1200	Expert	12,5	62,5	9,9	-	60	-	1A
WP/CD60-12,5/Woda[4]	CD60	400	1200	Woda	12,5	62,5	10,4	-	60	-	1A
WP/CD60-12,5/Ogień+	CD60	400	900	Ogień Plus	12,5	62,5	11,7	(R)EI20	80	7,5	1A
WP/CD60-12,5/WodaOgień+	CD60	400	900	Woda Ogień Plus	12,5	62,5	11,7	(R)EI20	80	7,5	1A
WP/CD60-12,5/Twarda	CD60	400	900	Twarda	12,5	62,5	14,5	(R)EI20	80	7,5	1A
WP/CD60-12,5/Hydro	CD60	400	900	Hydro	12,5	62,5	12,5	(R)EI20	80	7,5	1A
WP/CD60-15/Ogień+	CD60	400	850	Ogień Plus	15,0	65	15,2	(R)EI20	85	7,5	1A
WP/CD60-15/Twarda	CD60	400	850	Twarda	15,0	65	17,1	(R)EI20	85	7,5	1A
WP/CD60-15/Hydro	CD60	400	850	Hydro	15,0	65	15,2	(R)EI20	85	7,5	1A
WP/CD60-18/Ogień+	CD60	400	850	Ogień Plus	18,0	68	15,9	(R)EI30	85	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[4] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name									
		WP/CD60-12,5/ Expert	WP/CD60-12,5/ Woda	WP/CD60-12,5/ Ogień+	WP/CD60-12,5/ WodaOgień+	WP/CD60-12,5/ Twarda	WP/CD60-12,5/ Hydro	WP/CD60-15/ Ogień+	WP/CD60-15/ Twarda	WP/CD60-15/ Hydro	WP/CD60-18/ Ogień+
		Consumption of material per 1m²									
Nida Expert 12.5 mm plasterboard	m²	1,0	-	-	-	-	-	-	-	-	-
Nida Woda 12.5 mm plasterboard	m²	-	1,0	-	-	-	-	-	-	-	-
Nida Ogień Plus 12.5 mm plasterboard	m²	-	-	1,0	-	-	-	-	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	-	-	1,0	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	-	-	1,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m²	-	-	-	-	-	1,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	1,0	-	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	1,0	-	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	1,0	-
Nida Ogień Plus 18.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	1,0
Nida CD60 profile	lm	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5
Nida UD27 profile	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida WP60 loft hanger	pcs.	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0
Nida LW60 lengthwise connector	pcs.	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Steel anchoring element[5]	pcs.	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6
Nida 3.5x25 mm sheet metal screws	pcs.	18,0	18,0	18,0	18,0	-	-	18,0	-	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	-	18,0
FixDens 4.2 x 25 mm screws	pcs.	-	-	-	-	18,0	-	-	18,0	-	-
Nida Hydro CS 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	18,0	-	-	18,0	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,3	0,3	0,3	0,3	-	-	0,3	-	-	0,3
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1	-	-	0,1	-	-	0,1
Nida Hydromix ready-to-use joint filler[6]	kg	-	-	-	-	0,4	0,4	-	0,4	0,4	-
Mineral wool[7]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[5] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[6] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[7] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

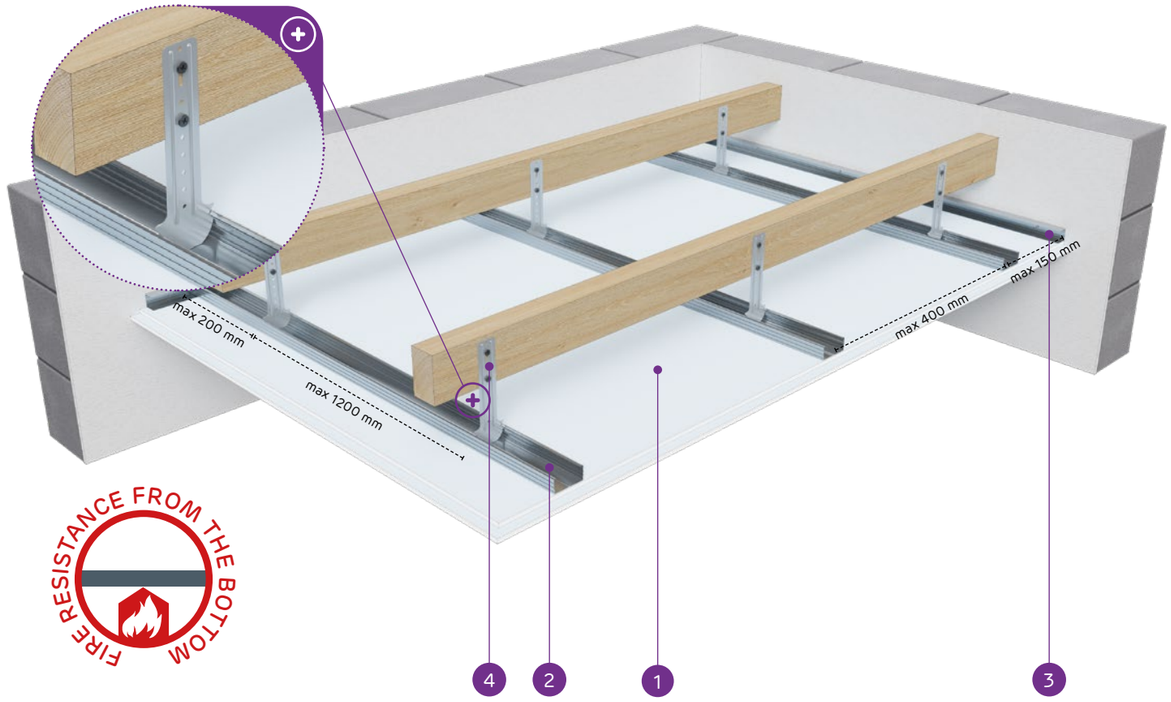
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
(R)EI30 (R)EI45 (R)EI60	92 kg/m²	75 mm	18,1-32,5 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0021/15.11.2016

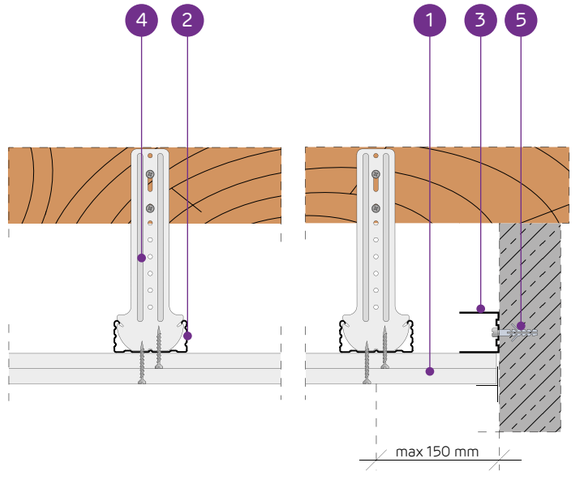
SYSTEMS:

WP/CD60-25; WP/CD60-27,5; WP/CD60-30



MATERIALS:

1. Nida plasterboard
2. Nida CD 60 profile
3. Nida UD 27 profile
4. Nida WP60 loft hanger
5. Steel anchoring element



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

etex inspiring ways of living

Promat

Polski GIPS

KONFEDERACJA BUDOWNICTWA I NIERUCHOMOŚCI

THE SYSTEM OF THE SUSPENDED CEILINGS ON THE NIDA CD60 (NIDA WP60) LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure			Plasterboard sheathing		Min. suspension height	Weight of 1m² of encasement	Fire resistance class	Max. load of Nida ceiling		Resistance to impact [3]
	Type of Nida profile	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the suspension elements	Nida	Thickness				Without fire resistance [1]	With fire resistance [2]	
		[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
WP/CD60-25/Expert	CD60	400	1200	Expert	2x12,5	75	18,1	-	65	-	1A
WP/CD60-25/Woda [4]	CD60	400	1200	Woda	2x12,5	75	19,1	-	65	-	1A
WP/CD60-25/OgieńTypF	CD60	400	850	Ogień Typ F	2x12,5	75	18,9	(R)EI30	92	13,3	1A
WP/CD60-25/Ogień+	CD60	400	850	Ogień Plus	2x12,5	75	21,7	(R)EI45	92	7,5	1A
WP/CD60-25/WodaOgień+	CD60	400	850	Woda Ogień Plus	2x12,5	75	21,7	(R)EI45	92	7,5	1A
WP/CD60-25/Twarda	CD60	400	850	Twarda	2x12,5	75	27,3	(R)EI45	92	7,5	1A
WP/CD60-25/Hydro	CD60	400	850	Hydro	2x12,5	75	23,3	(R)EI45	92	7,5	1A
WP/CD60-27,5/Ogień+ [5]	CD60	400	850	Ogień Plus	1x12,5+1x15,0	77,5	26,0	(R)EI60	92	7,5	1A
WP/CD60-30/Ogień+	CD60	400	850	Ogień Plus	2x15,0	80	28,7	(R)EI60	92	7,5	1A
WP/CD60-30/Twarda	CD60	400	850	Twarda	2x15,0	80	32,5	(R)EI60	92	7,5	1A
WP/CD60-30/Hydro	CD60	400	850	Hydro	2x15,0	80	28,7	(R)EI60	92	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[4] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).
[5] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name										
		WP/CD60-25/ Expert	WP/CD60-25/ Woda	WP/CD60-25/ OgieńTypF	WP/CD60-25/ Ogień+	WP/CD60-25/ WodaOgień+	WP/CD60-25/ Twarda	WP/CD60-25/ Hydro	WP/ CD60-27,5/ Ogień+	WP/CD60-30/ Ogień+	WP/CD60-30/ Twarda	WP/CD60-30/ Hydro
		Consumption of material per 1m²										
Nida Expert 12.5 mm plasterboard	m²	2,0	-	-	-	-	-	-	-	-	-	-
Nida Woda 12.5 mm plasterboard	m²	-	2,0	-	-	-	-	-	-	-	-	-
Nida Ogień Type F 12.5 mm plasterboard	m²	-	-	2,0	-	-	-	-	-	-	-	-
Nida Ogień Plus 12.5 mm plasterboard	m²	-	-	-	2,0	-	-	-	1,0	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	-	-	-	2,0	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	-	-	-	2,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m²	-	-	-	-	-	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	1,0	2,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	2,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	-	2,0
Nida CD60 profile	lm	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5
Nida UD27 profile	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida WP60 loft hanger	pcs.	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0
Nida LW60 lengthwise connector	pcs.	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Steel anchoring element [6]	pcs.	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6
Nida 3.5x25 mm sheet metal screws	pcs.	6,0	6,0	6,0	6,0	6,0	-	-	6,0	6,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	18,0	18,0	18,0	18,0	18,0	-	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	18,0	18,0	-	-
FixDens 4.2 x 25 mm screws	pcs.	-	-	-	-	-	6,0	-	-	-	6,0	-
FixDens 4.2 x 42 mm screws	pcs.	-	-	-	-	-	18,0	-	-	-	-	-
FixDens 4.2 x 60 mm screws	pcs.	-	-	-	-	-	-	-	-	-	18,0	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	-	6,0	-	-	-	6,0
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	-	-	18,0	-	-	-	18,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,6	0,6	0,6	0,6	0,6	-	-	0,6	0,6	-	-
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1	0,1	-	-	0,1	0,1	-	-
Nida Hydromix ready-to-use joint filler [7]	kg	-	-	-	-	-	0,7	0,7	-	-	0,7	0,7
Mineral wool [8]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[6] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[7] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[8] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

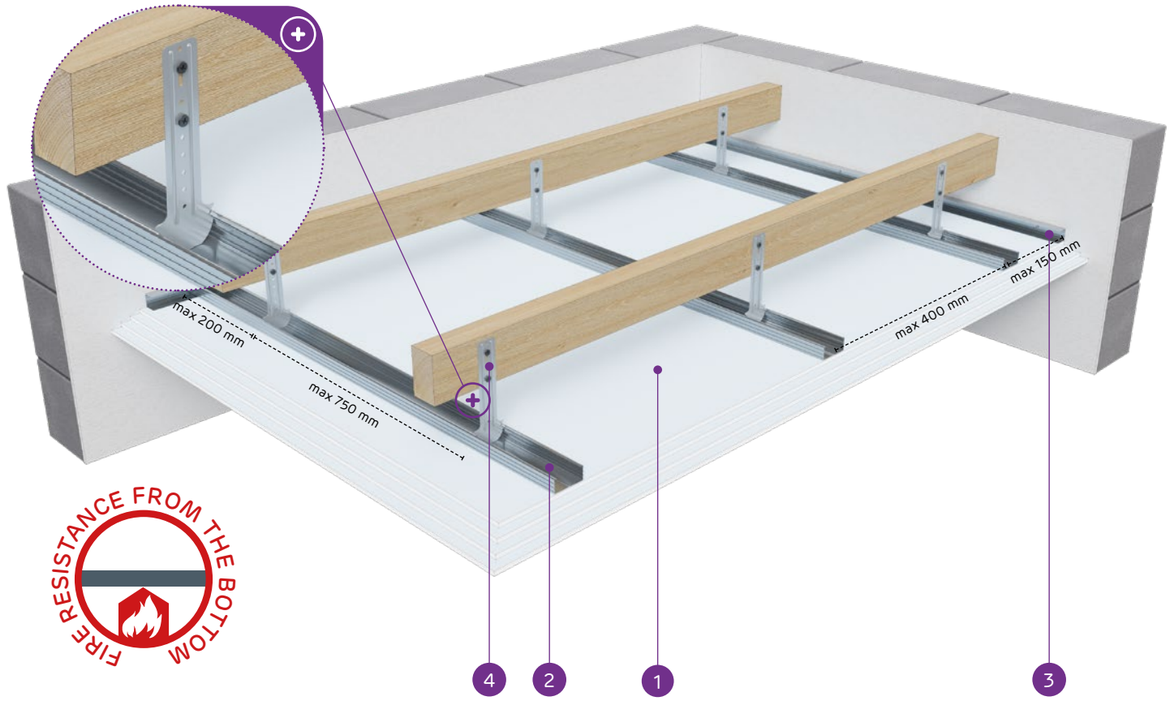
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
(R)EI60 (R)EI90 (R)EI120	100 kg/m²	87,5 mm	31,7-63,3 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0021/15.11.2016

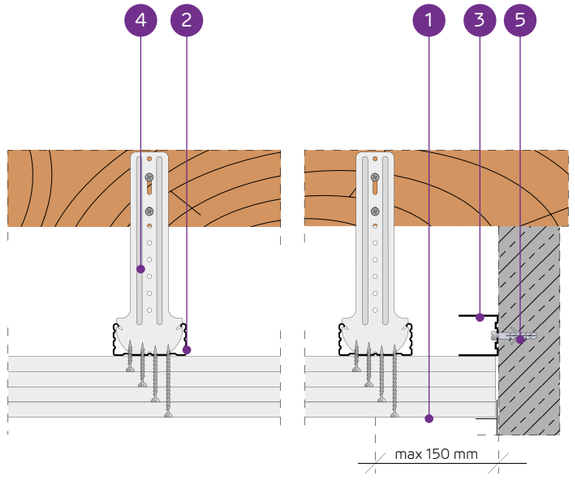
SYSTEMS:

WP/CD60-37,5; WP/CD60-40; WP/CD60-55; WP/CD60-60



MATERIALS:

1. Nida plasterboard
2. Nida CD 60 profile
3. Nida UD 27 profile
4. Nida WP60 loft hanger
5. Steel anchoring element



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

etex inspiring ways of living

Promat

KONFEDERACJA BUDOWNICTWA I NIERUCHOMOŚCI

THE SYSTEM OF THE SUSPENDED CEILINGS ON THE NIDA CD60 (NIDA WP60) LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure			Plasterboard sheathing		Min. suspension height	Weight of 1m² of encasement	Fire resistance class	Max. load of Nida ceiling		Resistance to impact[3]
	Type of Nida profile	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the suspension elements	Nida	Thickness				Without fire resistance[1]	With fire resistance[2]	
		[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
WP/CD60-37,5/Ogień+	CD60	400	750	Ogień Plus	3x12,5	87,5	31,7	(R)EI60	100	7,5	1A
WP/CD60-37,5/WodaOgień+	CD60	400	750	Woda Ogień Plus	3x12,5	87,5	31,7	(R)EI60	100	7,5	1A
WP/CD60-37,5/Twarda	CD60	400	750	Twarda	3x12,5	87,5	40,1	(R)EI60	100	7,5	1A
WP/CD60-37,5/Hydro	CD60	400	750	Hydro	3x12,5	87,5	34,1	(R)EI60	100	7,5	1A
WP/CD60-40/Ogień+	CD60	400	750	Ogień Plus	2x12,5+15,0	90	35,2	(R)EI90	100	7,5	1A
WP/CD60-40/Twarda	CD60	400	750	Twarda	2x12,5+15,0	90	42,7	(R)EI90	100	7,5	1A
WP/CD60-40/Hydro	CD60	400	750	Hydro	2x12,5+15,0	90	36,8	(R)EI90	100	7,5	1A
WP/CD60-55/Ogień+	CD60	400	650	Ogień Plus	2x12,5+2x15,0	110	48,7	(R)EI120	100	7,5	1A
WP/CD60-60/Ogień+	CD60	400	650	Ogień Plus	4x15,0	110	55,7	(R)EI120	100	7,5	1A
WP/CD60-60/Twarda	CD60	400	650	Twarda	4x15,0	110	63,3	(R)EI120	100	7,5	1A
WP/CD60-60/Hydro	CD60	400	650	Hydro	4x15,0	110	55,7	(R)EI120	100	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name										
		WP/CD60-37,5/Ogień+	WP/CD60-37,5/WodaOgień+	WP/CD60-37,5/Twarda	WP/CD60-37,5/Hydro	WP/CD60-40/Ogień+	WP/CD60-40/Twarda	WP/CD60-40/Hydro	WP/CD60-55/Ogień+	WP/CD60-60/Ogień+	WP/CD60-60/Twarda	WP/CD60-60/Hydro
		Consumption of material per 1m²										
Nida Ogień Plus 12.5 mm plasterboard	m²	3,0	-	-	-	2,0	-	-	2,0	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	3,0	-	-	-	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	3,0	-	-	2,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m²	-	-	-	3,0	-	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	1,0	-	-	2,0	4,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	1,0	-	-	-	4,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	1,0	-	-	-	4,0
Nida CD60 profile	lm	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5
Nida UD27 profile	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida WP60 loft hanger	pcs.	3,0	3,0	3,0	3,0	3,5	3,5	3,5	4,0	4,0	4,0	4,0
Nida LW60 lengthwise connector	pcs.	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Steel anchoring element[4]	pcs.	3,6	3,6	3,6	3,6	4,1	4,1	4,1	4,6	4,6	4,6	4,6
Nida 3.5x25 mm sheet metal screws	pcs.	6,0	6,0	-	-	6,0	-	-	6,0	6,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	6,0	6,0	-	-	6,0	-	-	6,0	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	6,0	-	-
Nida 3.5x55 mm sheet metal screws	pcs.	18,0	18,0	-	-	18,0	-	-	6,0	6,0	-	-
Nida 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	18,0	18,0	-	-
FixDens 4.2 x 25 mm screws	pcs.	-	-	6,0	-	-	6,0	-	-	-	6,0	-
FixDens 4.2 x 42 mm screws	pcs.	-	-	6,0	-	-	6,0	-	-	-	6,0	-
FixDens 4.2 x 60 mm screws	pcs.	-	-	18,0	-	-	18,0	-	-	-	6,0	-
FixDens 4.5 x 80 mm screws	pcs.	-	-	-	-	-	-	-	-	-	18,0	-
Nida Hydro CS 3.5x25 mm sheet metal screws	pcs.	-	-	-	6,0	-	-	6,0	-	-	-	6,0
Nida Hydro CS 3.5x41 mm sheet metal screws	pcs.	-	-	-	6,0	-	-	6,0	-	-	-	6,0
Nida Hydro CS 3.5x55 mm sheet metal screws	pcs.	-	-	-	18,0	-	-	18,0	-	-	-	6,0
Nida Hydro CS 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	-	-	18,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,9	0,9	-	-	0,9	-	-	1,2	1,2	-	-
Nida Finish gypsum putty	kg	0,1	0,1	-	-	0,1	-	-	0,1	0,1	-	-
Nida Hydromix ready-to-use joint filler[5]	kg	-	-	1,0	1,0	-	1,0	1,0	-	-	1,3	1,3
Mineral wool[6]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[4] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[5] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[6] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

www.siniat.pl

Nida systems search engine
www.systemynida.pl

Calculator of the Nida systems
www.siniat.pl/kalkulatory

Follow us on:

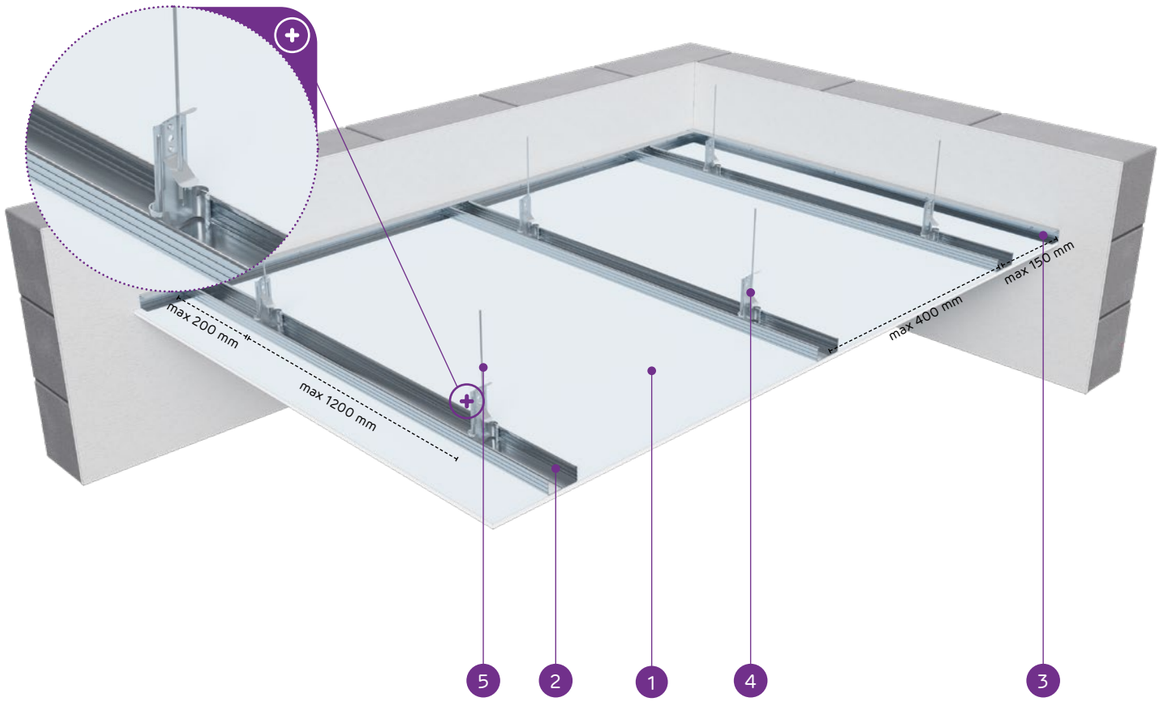
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
N/A	65 kg/m²	192,5 mm	9,9-19,1 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0021/15.11.2016

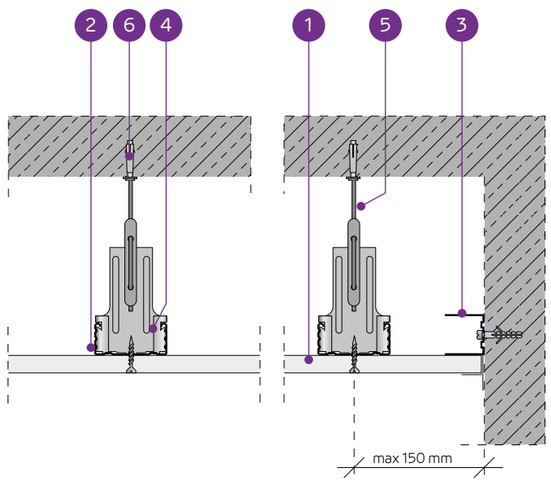
SYSTEMS:

WO/CD60-12,5; WO/CD60-25



MATERIALS:

1. Nida plasterboard
2. Nida CD 60 profile
3. Nida UD 27 profile
4. Nida WO60 rotary hanger
5. Nida fixing rod
6. Steel anchoring element



THE SYSTEM OF THE SUSPENDED CEILINGS ON THE NIDA CD60 (NIDA WO60) LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure			Plasterboard sheathing		Min. suspension height	Weight of 1m² of encasement	Fire resistance class	Max. load of Nida ceiling		Resistance to impact [2]
	Type of Nida profile	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the suspension elements	Nida	Thickness				Without fire resistance [1]	With fire resistance	
		[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
WO/CD60-12,5/Expert	CD60	400	1200	Expert	12,5	192,5	9,9	-	60	-	-
WO/CD60-12,5/Woda [3]	CD60	400	1200	Woda	12,5	192,5	10,4	-	60	-	-
WO/CD60-25/Expert	CD60	400	1200	Expert	2x12,5	205	18,1	-	65	-	-
WO/CD60-25/Woda [3]	CD60	400	1200	Woda	2x12,5	205	19,1	-	65	-	-

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name			
		WO/CD60-12,5/Expert	WO/CD60-12,5/Woda	WO/CD60-25/Expert	WO/CD60-25/Woda
		Consumption of material per 1m²			
Nida Expert 12.5 mm plasterboard	m²	1,0	-	2,0	-
Nida Woda 12.5 mm plasterboard	m²	-	1,0	-	2,0
Nida CD60 profile	lm	2,5	2,5	2,5	2,5
Nida UD27 profile	lm	0,6	0,6	0,6	0,6
Nida WO 60 rotary hanger	pcs.	3,0	3,0	3,0	3,0
Nida fixing rod	pcs.	3,0	3,0	3,0	3,0
Nida LW60 lengthwise connector	pcs.	0,6	0,6	0,6	0,6
Steel anchoring element [4]	pcs.	3,6	3,6	3,6	3,6
Nida 3.5x25 mm sheet metal screws	pcs.	18,0	18,0	6,0	6,0
Nida 3.5x35 mm sheet metal screws	pcs.	-	-	18,0	18,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,3	0,3	0,6	0,6
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1
Mineral wool [5]	m²	1,0	1,0	1,0	1,0

[4] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[5] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

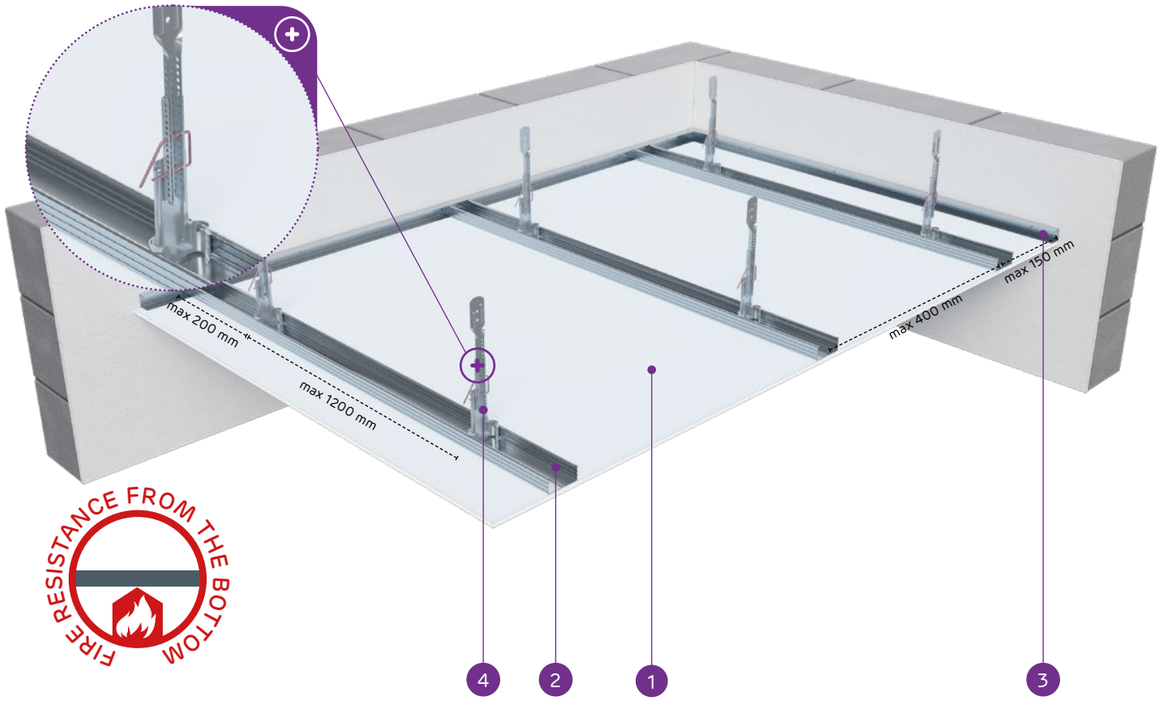
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
(R)EI20 (R)EI30	85 kg/m²	192,5 mm	9,9-17,1 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0021/15.11.2016

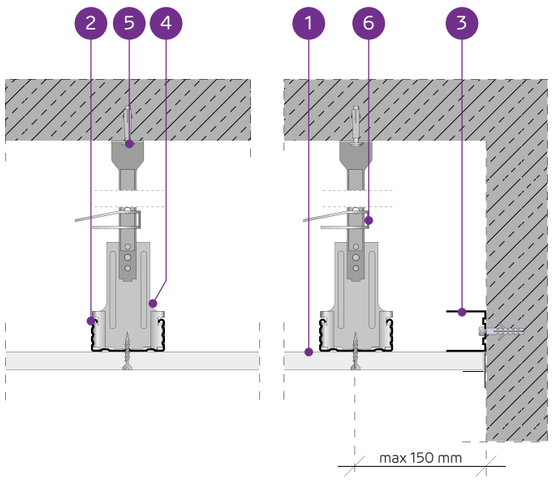
SYSTEMS:

WON/CD60-12,5; WON/CD60-15; WON/CD60-18



MATERIALS:

1. Nida plasterboard
2. Nida CD 60 profile
3. Nida UD 27 profile
4. Nida WON 60 bottom rotary nonius hanger
5. Steel anchoring element
6. Siniat FAST-PIN nonius hanger pin



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

THE SYSTEM OF THE SUSPENDED CEILINGS ON THE NIDA CD60 (NIDA WON60) LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure			Plasterboard sheathing		Min. suspension height	Weight of 1m² of encasement	Fire resistance class	Max. load of Nida ceiling		Resistance to impact[3]
	Type of Nida profile	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the suspension elements	Nida	Thickness				Without fire resistance[1]	With fire resistance[2]	
		[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
WON/CD60-12,5/Expert	CD60	400	1200	Expert	12,5	192,5	9,9	-	60	-	1A
WON/CD60-12,5/Woda[4]	CD60	400	1200	Woda	12,5	192,5	10,4	-	60	-	1A
WON/CD60-12,5/Ogień+	CD60	400	900	Ogień Plus	12,5	192,5	11,7	(R)EI20	80	7,5	1A
WON/CD60-12,5/WodaOgień+	CD60	400	900	Woda Ogień Plus	12,5	192,5	11,7	(R)EI20	80	7,5	1A
WON/CD60-12,5/Twarda	CD60	400	900	Twarda	12,5	192,5	14,5	(R)EI20	80	7,5	1A
WON/CD60-12,5/Hydro	CD60	400	900	Hydro	12,5	192,5	12,5	(R)EI20	80	7,5	1A
WON/CD60-15/Ogień+	CD60	400	850	Ogień Plus	15,0	195	15,2	(R)EI20	85	7,5	1A
WON/CD60-15/Twarda	CD60	400	850	Twarda	15,0	195	17,1	(R)EI20	85	7,5	1A
WON/CD60-15/Hydro	CD60	400	850	Hydro	15,0	195	15,2	(R)EI20	85	7,5	1A
WON/CD60-18/Ogień+	CD60	400	850	Ogień Plus	18,0	198	15,9	(R)EI30	85	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[4] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name									
		WON/CD60-12,5/Expert	WON/CD60-12,5/Woda	WON/CD60-12,5/Ogień+	WON/CD60-12,5/WodaOgień+	WON/CD60-12,5/Twarda	WON/CD60-12,5/Hydro	WON/CD60-15/Ogień+	WON/CD60-15/Twarda	WON/CD60-15/Hydro	WON/CD60-18/Ogień+
		Consumption of material per 1m²									
Nida Expert 12.5 mm plasterboard	m²	1,0	-	-	-	-	-	-	-	-	-
Nida Woda 12.5 mm plasterboard	m²	-	1,0	-	-	-	-	-	-	-	-
Nida Ogień Plus 12.5 mm plasterboard	m²	-	-	1,0	-	-	-	-	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	-	-	1,0	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	-	-	1,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m	-	-	-	-	-	1,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	1,0	-	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	1,0	-	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	1,0	-
Nida Ogień Plus 18.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	1,0
Nida CD60 profile	lm	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5
Nida UD27 profile	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida WON 60 rotary nonius hanger[5]	pcs.	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0
Nida WGN top nonius hanger	pcs.	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0
Siniat FAST-PIN nonius hanger pin	pcs.	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0
Nida LW60 lengthwise connector	pcs.	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Steel anchoring element[6]	pcs.	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6
Nida 3.5x25 mm sheet metal screws	pcs.	18,0	18,0	18,0	18,0	-	-	18,0	-	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	-	18,0
FixDens 4.2 x 25 mm screws	pcs.	-	-	-	-	18,0	-	-	18,0	-	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	18,0	-	-	18,0	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,3	0,3	0,3	0,3	-	-	0,3	-	-	0,3
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1	-	-	0,1	-	-	0,1
Nida Hydromix ready-to-use joint filler[7]	kg	-	-	-	-	0,4	0,4	-	0,4	0,4	-
Mineral wool[8]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[5] Can be replaced with the reinforced bottom nonius hanger.
[6] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[7] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[8] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

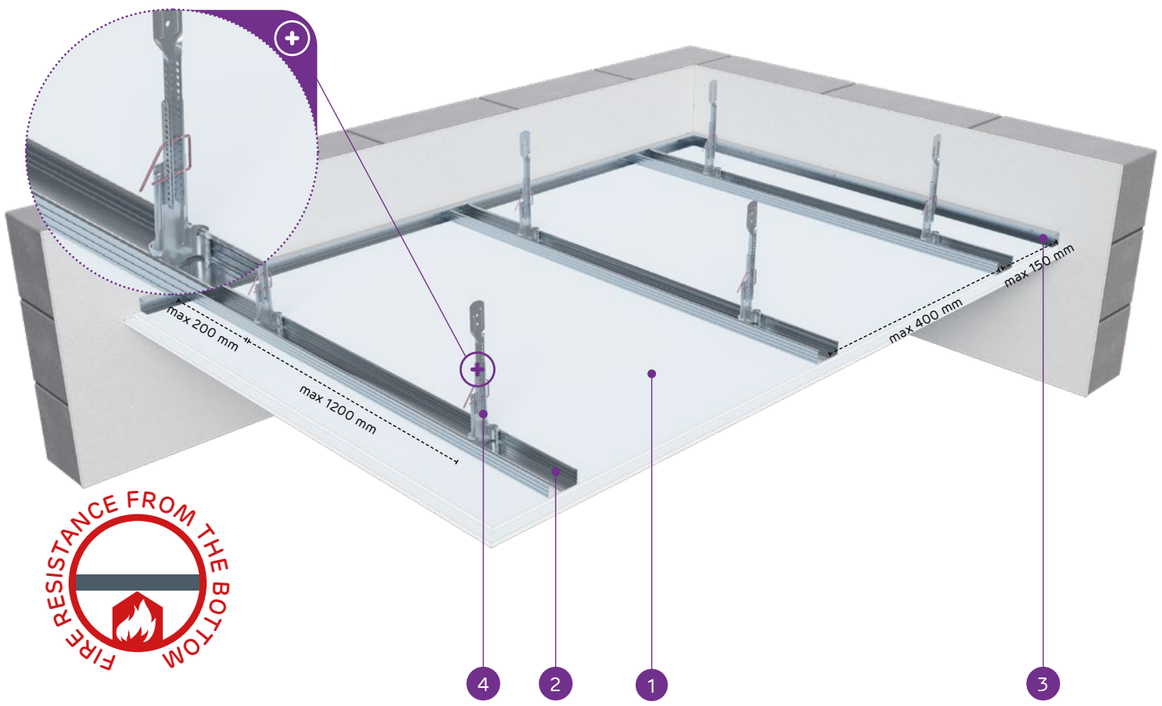
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
(R)EI30 (R)EI45 (R)EI60	92 kg/m²	205 mm	19,1-32,5 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0021/15.11.2016

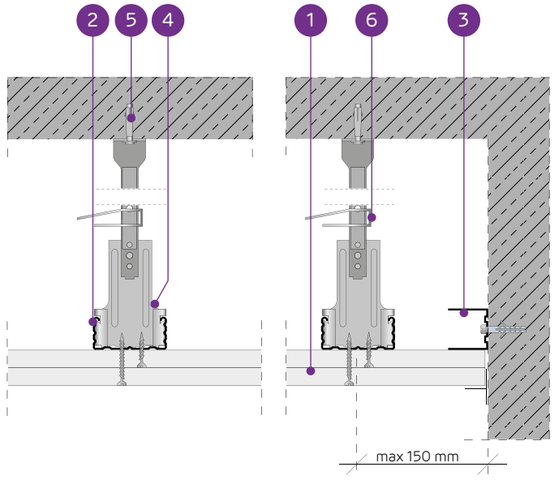
SYSTEMS:

WON/CD60-25; WON/CD60-27,5; WON/CD60-30



MATERIALS:

1. Nida plasterboard
2. Nida CD 60 profile
3. Nida UD 27 profile
4. Nida WON 60 bottom rotary nonius hanger
5. Steel anchoring element
6. Siniat FAST-PIN nonius hanger pin



THE SYSTEM OF THE SUSPENDED CEILINGS ON THE NIDA CD60 (NIDA WON60) LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure			Plasterboard sheathing		Min. suspension height	Weight of 1m² of encasement	Fire resistance class	Max. load of Nida ceiling		Resistance to impact [3]
	Type of Nida profile	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the suspension elements	Nida	Thickness				Without fire resistance [1]	With fire resistance [2]	
		[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
WON/CD60-25/Expert	CD60	400	1200	Expert	2x12,5	205	18,1	-	65	-	1A
WON/CD60-25/Woda [4]	CD60	400	1200	Woda	2x12,5	205	19,1	-	65	-	1A
WON/CD60-25/OgieńTypF	CD60	400	850	Ogień Typ F	2x12,5	205	18,9	(R)EI30	92	13,3	1A
WON/CD60-25/Ogień+	CD60	400	850	Ogień Plus	2x12,5	205	21,7	(R)EI45	92	7,5	1A
WON/CD60-25/WodaOgień+	CD60	400	850	Woda Ogień Plus	2x12,5	205	21,7	(R)EI45	92	7,5	1A
WON/CD60-25/Twarda	CD60	400	850	Twarda	2x12,5	205	27,3	(R)EI45	92	7,5	1A
WON/CD60-25/Hydro	CD60	400	850	Hydro	2x12,5	205	23,3	(R)EI45	92	7,5	1A
WON/CD60-27,5/Ogień+ [5]	CD60	400	850	Ogień Plus	1x12,5+1x15,0	207,5	26,0	(R)EI60	92	7,5	1A
WON/CD60-30/Ogień+	CD60	400	850	Ogień Plus	2x15,0	210	28,7	(R)EI60	92	7,5	1A
WON/CD60-30/Twarda	CD60	400	850	Twarda	2x15,0	210	32,5	(R)EI60	92	7,5	1A
WON/CD60-30/Hydro	CD60	400	850	Hydro	2x15,0	210	28,7	(R)EI60	92	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[4] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).
[5] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name										
		WON/CD60-25/Expert	WON/CD60-25/Woda	WON/CD60-25/OgieńTypF	WON/CD60-25/Ogień+	WON/CD60-25/WodaOgień+	WON/CD60-25/Twarda	WON/CD60-25/Hydro	WON/CD60-27,5/Ogień+	WON/CD60-30/Ogień+	WON/CD60-30/Twarda	WON/CD60-30/Hydro
		Consumption of material per 1m²										
Nida Expert 12.5 mm plasterboard	m²	2,0	-	-	-	-	-	-	-	-	-	-
Nida Woda 12.5 mm plasterboard	m²	-	2,0	-	-	-	-	-	-	-	-	-
Nida Ogień Type F 12.5 mm plasterboard	m²	-	-	2,0	-	-	-	-	-	-	-	-
Nida Ogień Plus 12.5 mm plasterboard	m²	-	-	-	2,0	-	-	-	1,0	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	-	-	-	2,0	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	-	-	-	2,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m²	-	-	-	-	-	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	1,0	2,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	2,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	-	2,0
Nida CD60 profile	lm	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5
Nida UD27 profile	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida WON 60 rotary nonius hanger [6]	pcs.	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0
Nida WGN top nonius hanger	pcs.	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0
Siniat FAST-PIN nonius hanger pin	pcs.	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0
Nida LW60 lengthwise connector	pcs.	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Steel anchoring element [7]	pcs.	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6
Nida 3.5x25 mm sheet metal screws	pcs.	6,0	6,0	6,0	6,0	6,0	-	-	6,0	6,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	18,0	18,0	18,0	18,0	18,0	-	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	18,0	18,0	-	-
FixDens 4.2 x 25 mm screws	pcs.	-	-	-	-	-	6,0	-	-	-	6,0	-
FixDens 4.2 x 42 mm screws	pcs.	-	-	-	-	-	18,0	-	-	-	-	-
FixDens 4.2 x 60 mm screws	pcs.	-	-	-	-	-	-	-	-	-	18,0	-
Nida Hydro CS 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	-	6,0	-	-	-	6,0
Nida Hydro CS 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	-	-	18,0	-	-	-	18,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,6	0,6	0,6	0,6	0,6	-	-	0,6	0,6	-	-
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1	0,1	-	-	0,1	0,1	-	-
Nida Hydromix ready-to-use joint filler [8]	kg	-	-	-	-	-	0,7	0,7	-	-	0,7	0,7
Mineral wool [9]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[6] Can be replaced with the reinforced bottom nonius hanger.
[7] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[8] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[9] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

www.siniat.pl
Nida systems search engine
www.systemynida.pl
Calculator of the Nida systems
www.siniat.pl/kalkulatory
Follow us on:

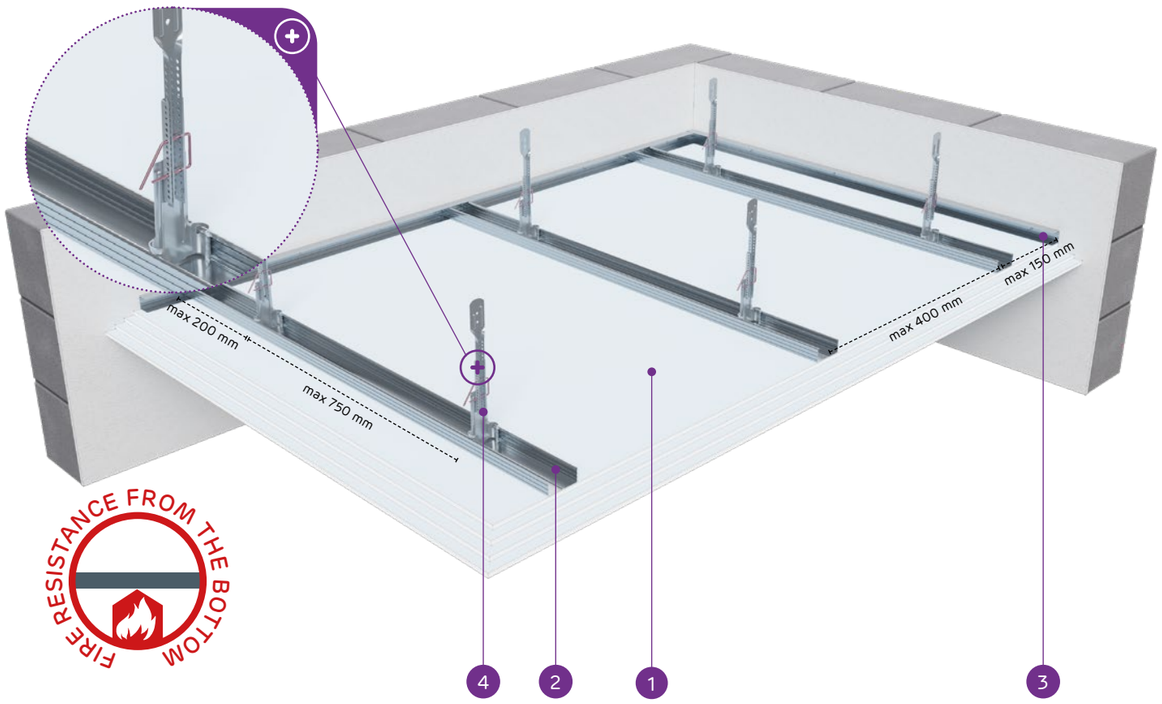
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
(R)EI60 (R)EI90 (R)EI120	100 kg/m²	217,5 mm	31,7-63,3 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0021/15.11.2016

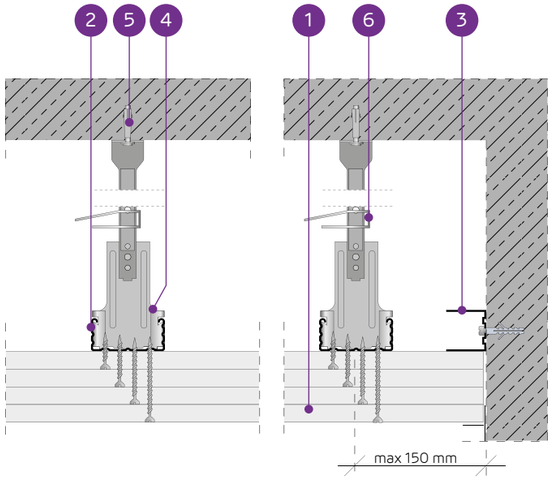
SYSTEMS:

WON/CD60-37,5; WON/CD60-40; WON/CD60-55; WON/CD60-60



MATERIALS:

1. Nida plasterboard
2. Nida CD 60 profile
3. Nida UD 27 profile
4. Nida WON 60 bottom rotary nonius hanger
5. Steel anchoring element
6. Siniat FAST-PIN nonius hanger pin



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

etex inspiring ways of living

Promat

POLSKI GIPS

KONFEDERACJA BUDOWNICTWA I NIERUCHOMOŚCI

THE SYSTEM OF THE SUSPENDED CEILINGS ON THE NIDA CD60 (NIDA WON60) LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure			Plasterboard sheathing		Min. suspension height	Weight of 1m² of encase-ment	Fire resistance class	Max. load of Nida ceiling		Resistance to impact [3]
	Type of Nida profile	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the suspension elements	Nida	Thickness				Without fire resistance [1]	With fire resistance [2]	
		[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
WON/CD60-37,5/Ogień+	CD60	400	750	Ogień Plus	3x12,5	217,5	31,7	(R)EI60	100	7,5	1A
WON/CD60-37,5/WodaOgień+	CD60	400	750	Woda Ogień Plus	3x12,5	217,5	31,7	(R)EI60	100	7,5	1A
WON/CD60-37,5/Twarda	CD60	400	750	Twarda	3x12,5	217,5	40,1	(R)EI60	100	7,5	1A
WON/CD60-37,5/Hydro	CD60	400	750	Hydro	3x12,5	217,5	34,1	(R)EI60	100	7,5	1A
WON/CD60-40/Ogień+	CD60	400	750	Ogień Plus	2x12,5+15,0	220	35,2	(R)EI90	100	7,5	1A
WON/CD60-40/Twarda	CD60	400	750	Twarda	2x12,5+15,0	220	42,7	(R)EI90	100	7,5	1A
WON/CD60-40/Hydro	CD60	400	750	Hydro	2x12,5+15,0	220	36,8	(R)EI90	100	7,5	1A
WON/CD60-55/Ogień+	CD60	400	650	Ogień Plus	2x12,5+2x15,0	240	48,7	(R)EI120	100	7,5	1A
WON/CD60-60/Ogień+	CD60	400	650	Ogień Plus	4x15,0	240	55,7	(R)EI120	100	7,5	1A
WON/CD60-60/Twarda	CD60	400	650	Twarda	4x15,0	240	63,3	(R)EI120	100	7,5	1A
WON/CD60-60/Hydro	CD60	400	650	Hydro	4x15,0	240	55,7	(R)EI120	100	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name										
		WON/CD60-37,5/Ogień+	WON/CD60-37,5/WodaOgień+	WON/CD60-37,5/Twarda	WON/CD60-37,5/Hydro	WON/CD60-40/Ogień+	WON/CD60-40/Twarda	WON/CD60-40/Hydro	WON/CD60-55/Ogień+	WON/CD60-60/Ogień+	WON/CD60-60/Twarda	WON/CD60-60/Hydro
		Consumption of material per 1m²										
Nida Ogień Plus 12.5 mm plasterboard	m²	3,0	-	-	-	2,0	-	-	2,0	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	3,0	-	-	-	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	3,0	-	-	2,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m²	-	-	-	3,0	-	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	1,0	-	-	2,0	4,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	1,0	-	-	-	4,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	1,0	-	-	-	4,0
Nida CD60 profile	lm	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5
Nida UD27 profile	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida WON 60 rotary nonius hanger [4]	pcs.	3,0	3,0	3,0	3,0	3,5	3,5	3,5	4,0	4,0	4,0	4,0
Nida WGN top nonius hanger	pcs.	3,0	3,0	3,0	3,0	3,5	3,5	3,5	4,0	4,0	4,0	4,0
Siniat FAST-PIN nonius hanger pin	pcs.	3,0	3,0	3,0	3,0	3,5	3,5	3,5	4,0	4,0	4,0	4,0
Nida LW60 lengthwise connector	pcs.	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Steel anchoring element [5]	pcs.	3,6	3,6	3,6	3,6	4,1	4,1	4,1	4,6	4,6	4,6	4,6
Nida 3.5x25 mm sheet metal screws	pcs.	6,0	6,0	-	-	6,0	-	-	6,0	6,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	6,0	6,0	-	-	6,0	-	-	6,0	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	6,0	-	-
Nida 3.5x55 mm sheet metal screws	pcs.	18,0	18,0	-	-	18,0	-	-	6,0	6,0	-	-
Nida 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	18,0	18,0	-	-
FixDens 4.2 x 25 mm screws	pcs.	-	-	6,0	-	-	6,0	-	-	-	6,0	-
FixDens 4.2 x 42 mm screws	pcs.	-	-	6,0	-	-	6,0	-	-	-	6,0	-
FixDens 4.2 x 60 mm screws	pcs.	-	-	18,0	-	-	18,0	-	-	-	6,0	-
FixDens 4.5 x 80 mm screws	pcs.	-	-	-	-	-	-	-	-	-	18,0	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	6,0	-	-	6,0	-	-	-	6,0
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	6,0	-	-	6,0	-	-	-	6,0
Nida Hydro C5 3.5x55 mm sheet metal screws	pcs.	-	-	-	18,0	-	-	18,0	-	-	-	6,0
Nida Hydro C5 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	-	-	18,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,9	0,9	-	-	0,9	-	-	1,2	1,2	-	-
Nida Finish gypsum putty	kg	0,1	0,1	-	-	0,1	-	-	0,1	0,1	-	-
Nida Hydromix ready-to-use joint filler [6]	kg	-	-	1,0	1,0	-	1,0	1,0	-	-	1,3	1,3
Mineral wool [7]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[4] Can be replaced with the reinforced bottom nonius hanger.
[5] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[6] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[7] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

www.siniat.pl

Nida systems search engine
www.systemynida.pl

Calculator of the Nida systems
www.siniat.pl/kalkulatory

Follow us on:

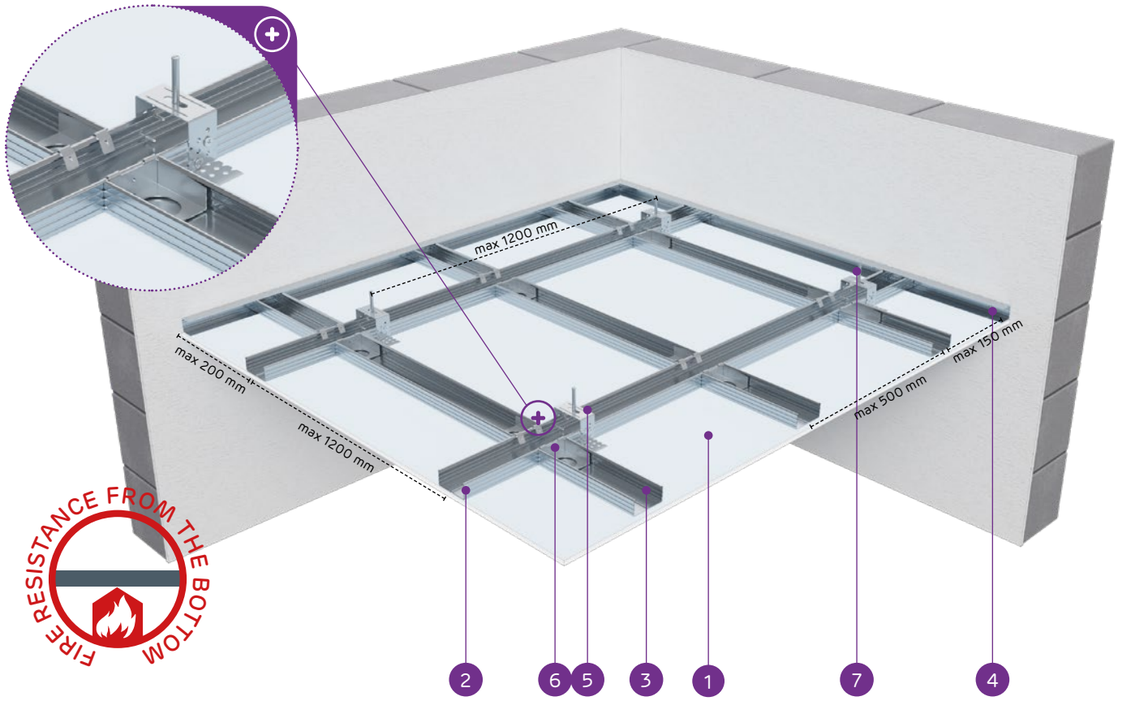
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
(R)EI20 (R)EI30	44 kg/m²	42,5 mm	10,9-18,1 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0024/15.11.2016

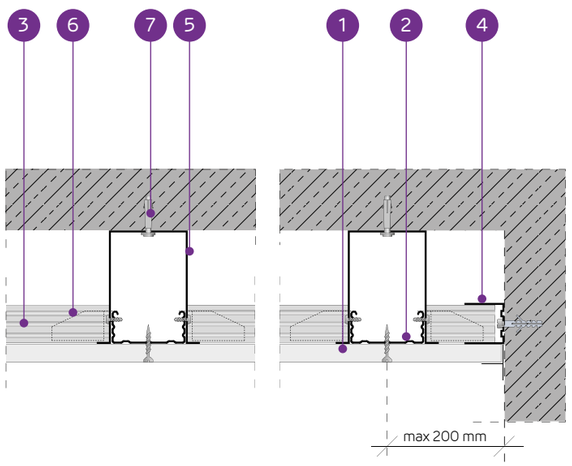
SYSTEMS:

JK/ES/CD60-12,5; JK/ES/CD60-15; JK/ES/CD60-18



MATERIALS:

1. Nida plasterboard
2. Nida CD 60 main profile
3. Nida CD 60 load-bearing profile
4. Nida UD 27 profile
5. Nida ES60 fixing element
6. Nida LPJ 60 single-sided crosswise connector, or Nida LPP 60 double connector
7. Steel anchoring element



THE SYSTEM OF THE SUSPENDED CEILINGS ON THE SINGLE-LEVEL NIDA CD60 (NIDA ES60) LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure				Plasterboard sheathing		Min. suspension height	Weight of 1m² of encase-ment	Fire resistance class	Max. load of Nida ceiling		Resistance to impact [3]
	Type of Nida profile	Max. spacing of the Nida CD60 main profiles	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the Nida suspension elements	Nida	Thickness				Without fire resistance [1]	With fire resistance [2]	
		[mm]	[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
JK/ES/CD60-12,5/Expert	CD60/CD60	1200	500	1200	Expert	12,5	42,5	10,9	-	23	-	1A
JK/ES/CD60-12,5/Woda [4]	CD60/CD60	1200	500	1200	Woda	12,5	42,5	11,4	-	23	-	1A
JK/ES/CD60-12,5/Ogień+	CD60/CD60	1000	400	900	Ogień Plus	12,5	42,5	12,7	(R)EI20	41	7,5	1A
JK/ES/CD60-12,5/WodaOgień+	CD60/CD60	1000	400	900	Woda Ogień Plus	12,5	42,5	12,7	(R)EI20	41	7,5	1A
JK/ES/CD60-12,5/Twarda	CD60/CD60	1000	400	900	Twarda	12,5	42,5	15,5	(R)EI20	41	7,5	1A
JK/ES/CD60-12,5/Hydro	CD60/CD60	1000	400	900	Hydro	12,5	42,5	13,5	(R)EI20	41	7,5	1A
JK/ES/CD60-15/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	15,0	45	16,2	(R)EI20	44	7,5	1A
JK/ES/CD60-15/Twarda	CD60/CD60	1000	400	850	Twarda	15,0	45	18,1	(R)EI20	44	7,5	1A
JK/ES/CD60-15/Hydro	CD60/CD60	1000	400	850	Hydro	15,0	45	16,2	(R)EI20	44	7,5	1A
JK/ES/CD60-18/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	18,0	48	16,9	(R)EI30	44	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[4] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name									
		JK/ES/CD60-12,5/Expert	JK/ES/CD60-12,5/Woda	JK/ES/CD60-12,5/Ogień+	JK/ES/CD60-12,5/WodaOgień+	JK/ES/CD60-12,5/Twarda	JK/ES/CD60-12,5/Hydro	JK/ES/CD60-15/Ogień+	JK/ES/CD60-15/Twarda	JK/ES/CD60-15/Hydro	JK/ES/CD60-18/Ogień+
		Consumption of material per 1m²									
Nida Expert 12.5 mm plasterboard	m²	1,0	-	-	-	-	-	-	-	-	-
Nida Woda 12.5 mm plasterboard	m²	-	1,0	-	-	-	-	-	-	-	-
Nida Ogień Plus 12.5 mm plasterboard	m²	-	-	1,0	-	-	-	-	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	-	-	1,0	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	-	-	1,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m²	-	-	-	-	-	1,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	1,0	-	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	1,0	-	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	1,0	-
Nida Ogień Plus 18.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	1,0
Nida CD60 profile	lm	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9
Nida UD27 profile	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida ES60 fixing element	pcs.	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0
Nida LPJ 60 single-sided crosswise connector	pcs.	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4
Nida LW60 lengthwise connector	pcs.	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Steel anchoring element [5]	pcs.	1,6	1,6	1,6	1,6	1,6	1,6	1,6	1,6	1,6	1,6
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	4,0	4,0	4,0	4,0	4,0	4,0	4,0	4,0	4,0	4,0
Nida 3.5x25 mm sheet metal screws	pcs.	18,0	18,0	18,0	18,0	-	-	18,0	-	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	-	18,0
FixDens 4.2 x 25 mm screws	pcs.	-	-	-	-	18,0	-	-	18,0	-	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	18,0	-	-	18,0	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,3	0,3	0,3	0,3	-	-	0,3	-	-	0,3
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1	-	-	0,1	-	-	0,1
Nida Hydromix ready-to-use joint filler [6]	kg	-	-	-	-	0,4	0,4	-	0,4	0,4	-
Mineral wool [7]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[5] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[6] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[7] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

nida Sufit

Fire resistance class: (R)EI30 (R)EI45 (R)EI60

Maximum encasement load: 47 kg/m²

The minimal suspension height: 55 mm

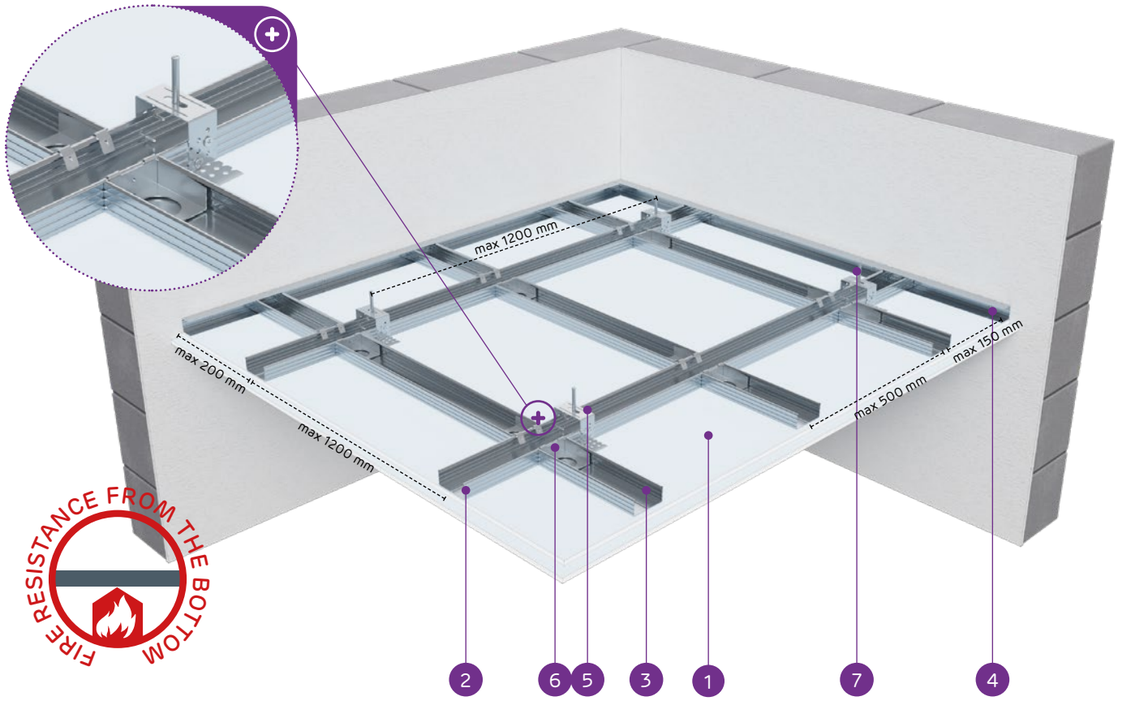
Weight of 1m² of encasement: 19,1-33,5 kg

Number of related document: EN13964:2014-05

Declaration of Performance: DoP/Ceiling System/0024/15.11.2016

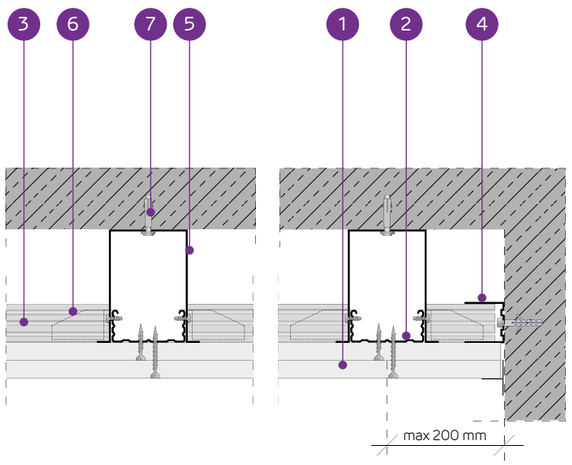
SYSTEMS:

JK/ES/CD60-25; JK/ES/CD60-27,5; JK/ES/CD60-30



MATERIALS:

1. Nida plasterboard
2. Nida CD 60 main profile
3. Nida CD 60 load-bearing profile
4. Nida UD 27 profile
5. Nida ES60 fixing element
6. Nida LPJ 60 single-sided crosswise connector, or Nida LPP 60 double connector
7. Steel anchoring element



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

etex inspiring ways of living

Promat

Polski GIPS

KONFEDERACJA BUDOWNICTWA I NIERUCHOMOŚCI

THE SYSTEM OF THE SUSPENDED CEILINGS ON THE SINGLE-LEVEL NIDA CD60 (NIDA ES60) LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure				Plasterboard sheathing		Min. suspension height	Weight of 1m² of encasement	Fire resistance class	Max. load of Nida ceiling		Resistance to impact [3]
	Type of Nida profile	Max. spacing of the Nida CD60 main profiles	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the Nida suspension elements	Nida	Thickness				Without fire resistance [1]	With fire resistance [2]	
		[mm]	[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
JK/ES/CD60-25/Expert	CD60/CD60	1200	500	1200	Expert	2x12,5	55	19,1	-	25	-	1A
JK/ES/CD60-25/Woda [4]	CD60/CD60	1200	500	1200	Woda	2x12,5	55	20,1	-	25	-	1A
JK/ES/CD60-25/OgieńTypF	CD60/CD60	1000	400	850	Ogień Typ F	2x12,5	55	19,9	(R)EI30	47	13,3	1A
JK/ES/CD60-25/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	2x12,5	55	22,7	(R)EI45	47	7,5	1A
JK/ES/CD60-25/WodaOgień+	CD60/CD60	1000	400	850	Woda Ogień Plus	2x12,5	55	22,7	(R)EI45	47	7,5	1A
JK/ES/CD60-25/Twarda	CD60/CD60	1000	400	850	Twarda	2x12,5	55	28,3	(R)EI45	47	7,5	1A
JK/ES/CD60-25/Hydro	CD60/CD60	1000	400	850	Hydro	2x12,5	55	24,3	(R)EI45	47	7,5	1A
JK/ES/CD60-27,5/Ogień+ [5]	CD60/CD60	1000	400	850	Ogień Plus	1x12,5+15,0	57,5	27,0	(R)EI60	47	7,5	1A
JK/ES/CD60-30/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	2x15,0	60	29,7	(R)EI60	47	7,5	1A
JK/ES/CD60-30/Twarda	CD60/CD60	1000	400	850	Twarda	2x15,0	60	33,5	(R)EI60	47	7,5	1A
JK/ES/CD60-30/Hydro	CD60/CD60	1000	400	850	Hydro	2x15,0	60	29,7	(R)EI60	47	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[4] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).
[5] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name										
		JK/ES/CD60-25/Expert	JK/ES/CD60-25/Woda	JK/ES/CD60-25/OgieńTypF	JK/ES/CD60-25/Ogień+	JK/ES/CD60-25/WodaOgień+	JK/ES/CD60-25/Twarda	JK/ES/CD60-25/Hydro	JK/ES/CD60-27,5/Ogień+	JK/ES/CD60-30/Ogień+	JK/ES/CD60-30/Twarda	JK/ES/CD60-30/Hydro
		Consumption of material per 1m²										
Nida Expert 12.5 mm plasterboard	m²	2,0	-	-	-	-	-	-	-	-	-	-
Nida Woda 12.5 mm plasterboard	m²	-	2,0	-	-	-	-	-	-	-	-	-
Nida Ogień Type F 12.5 mm plasterboard	m²	-	-	2,0	-	-	-	-	-	-	-	-
Nida Ogień Plus 12.5 mm plasterboard	m²	-	-	-	2,0	-	-	-	1,0	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	-	-	-	2,0	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	-	-	-	2,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m²	-	-	-	-	-	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	1,0	2,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	2,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	-	2,0
Nida CD60 profile	lm	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9
Nida UD27 profile	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida ES60 fixing element	pcs.	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0
Nida LPJ 60 single-sided crosswise connector	pcs.	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4
Nida LW60 lengthwise connector	pcs.	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Steel anchoring element [6]	pcs.	1,6	1,6	1,6	1,6	1,6	1,6	1,6	1,6	1,6	1,6	1,6
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	4,0	4,0	4,0	4,0	4,0	4,0	4,0	4,0	4,0	4,0	4,0
Nida 3.5x25 mm sheet metal screws	pcs.	6,0	6,0	6,0	6,0	6,0	-	-	6,0	6,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	18,0	18,0	18,0	18,0	18,0	-	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	18,0	18,0	-	-
FixDens 4.2 x 25 mm screws	pcs.	-	-	-	-	-	6,0	-	-	-	6,0	-
FixDens 4.2 x 42 mm screws	pcs.	-	-	-	-	-	18,0	-	-	-	-	-
FixDens 4.2 x 60 mm screws	pcs.	-	-	-	-	-	-	-	-	-	18,0	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	-	6,0	-	-	-	6,0
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	-	-	18,0	-	-	-	18,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,6	0,6	0,6	0,6	0,6	-	-	0,6	0,6	-	-
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1	0,1	-	-	0,1	0,1	-	-
Nida Hydromix ready-to-use joint filler [7]	kg	-	-	-	-	-	0,7	0,7	-	-	0,7	0,7
Mineral wool [8]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[6] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[7] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[8] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

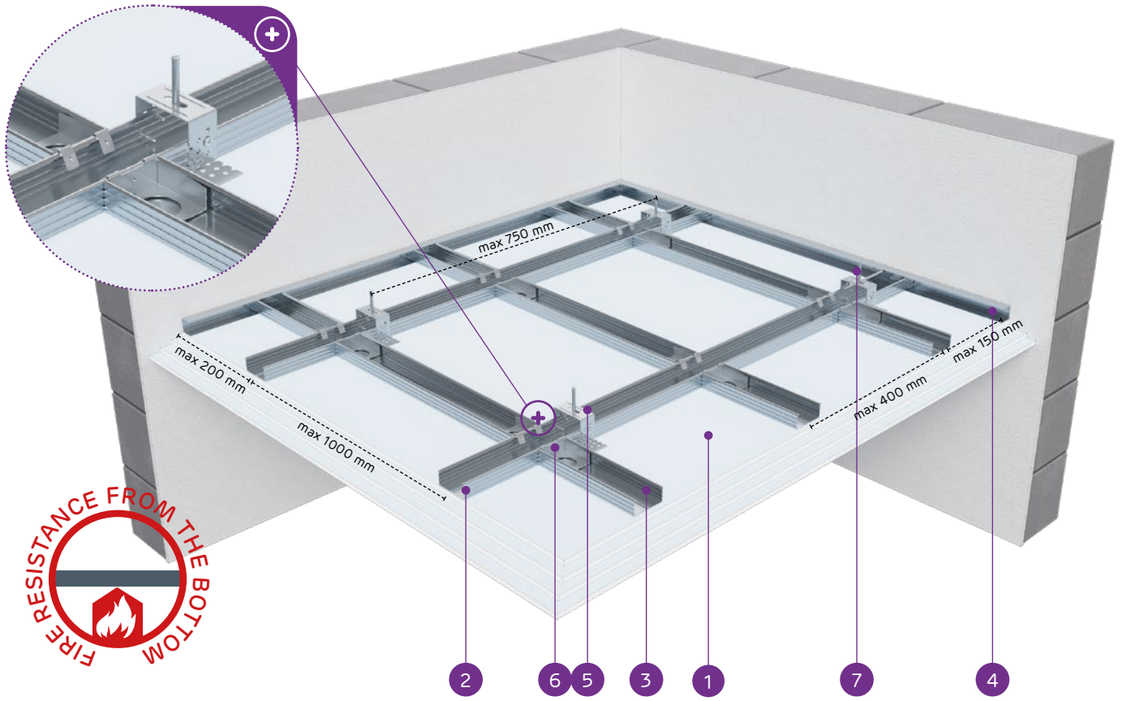
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
(R)EI60 (R)EI90 (R)EI120	75 kg/m²	67,5 mm	32,7-64,3 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0024/15.11.2016

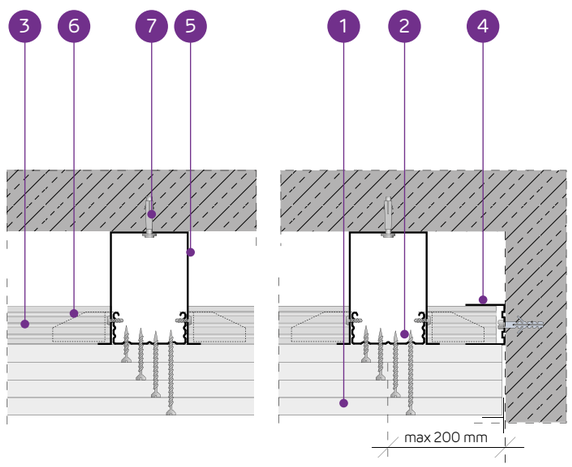
SYSTEMS:

JK/ES/CD60-37,5; JK/ES/CD60-40; JK/ES/CD60-55; JK/ES/CD60-60



MATERIALS:

1. Nida plasterboard
2. Nida CD 60 main profile
3. Nida CD 60 load-bearing profile
4. Nida UD 27 profile
5. Nida ES60 fixing element
6. Nida LPJ 60 single-sided crosswise connector, or Nida LPP 60 double connector
7. Steel anchoring element



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

etex inspiring ways of living

Promat

POLSKI GIPS

KONFEDERACJA BUDOWNICTWA I NIERUCHOMOŚCI

THE SYSTEM OF THE SUSPENDED CEILINGS ON THE SINGLE-LEVEL NIDA CD60 (NIDA ES60) LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure				Plasterboard sheathing		Min. suspension height	Weight of 1m² of encase-ment	Fire resistance class	Max. load of Nida ceiling		Resistance to impact [3]
	Type of Nida profile	Max. spacing of the Nida CD60 main profiles	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the Nida suspension elements	Nida	Thickness				Without fire resistance [1]	With fire resistance [2]	
		[mm]	[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
JK/ES/CD60-37,5/Ogień+	CD60/CD60	1000	400	750	Ogień Plus	3x12,5	67,5	32,7	(R)EI60	65	7,5	1A
JK/ES/CD60-37,5/WodaOgień+	CD60/CD60	1000	400	750	Woda Ogień Plus	3x12,5	67,5	32,7	(R)EI60	65	7,5	1A
JK/ES/CD60-37,5/Twarda	CD60/CD60	1000	400	750	Twarda	3x12,5	67,5	41,1	(R)EI60	65	7,5	1A
JK/ES/CD60-37,5/Hydro	CD60/CD60	1000	400	750	Hydro	3x12,5	67,5	35,1	(R)EI60	65	7,5	1A
JK/ES/CD60-40/Ogień+	CD60/CD60	850	400	750	Ogień Plus	2x12,5+15,0	70	36,2	(R)EI90	65	7,5	1A
JK/ES/CD60-40/Twarda	CD60/CD60	850	400	750	Twarda	2x12,5+15,0	70	43,7	(R)EI90	65	7,5	1A
JK/ES/CD60-40/Hydro	CD60/CD60	850	400	750	Hydro	2x12,5+15,0	70	37,8	(R)EI90	65	7,5	1A
JK/ES/CD60-55/Ogień+	CD60/CD60	650	400	650	Ogień Plus	2x12,5+2x15,0	90	49,7	(R)EI120	75	7,5	1A
JK/ES/CD60-60/Ogień+	CD60/CD60	650	400	650	Ogień Plus	4x15,0	90	56,7	(R)EI120	75	7,5	1A
JK/ES/CD60-60/Twarda	CD60/CD60	650	400	650	Twarda	4x15,0	90	64,3	(R)EI120	75	7,5	1A
JK/ES/CD60-60/Hydro	CD60/CD60	650	400	650	Hydro	4x15,0	90	56,7	(R)EI120	75	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name										
		JK/ES/CD60-37,5/Ogień+	JK/ES/CD60-37,5/WodaOgień+	JK/ES/CD60-37,5/Twarda	JK/ES/CD60-37,5/Hydro	JK/ES/CD60-40/Ogień+	JK/ES/CD60-40/Twarda	JK/ES/CD60-40/Hydro	JK/ES/CD60-55/Ogień+	JK/ES/CD60-60/Ogień+	JK/ES/CD60-60/Twarda	JK/ES/CD60-60/Hydro
		Consumption of material per 1m²										
Nida Ogień Plus 12.5 mm plasterboard	m²	3,0	-	-	-	2,0	-	-	2,0	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	3,0	-	-	-	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	3,0	-	-	2,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m²	-	-	-	3,0	-	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	1,0	-	-	2,0	4,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	1,0	-	-	-	4,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	1,0	-	-	-	4,0
Nida CD60 profile	lm	2,9	2,9	2,9	2,9	3,2	3,2	3,2	3,6	3,6	3,6	3,6
Nida UD27 profile	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida ES60 fixing element	pcs.	1,2	1,2	1,2	1,2	1,6	1,6	1,6	2,4	2,4	2,4	2,4
Nida LPJ 60 single-sided crosswise connector	pcs.	3,4	3,4	3,4	3,4	4,8	4,8	4,8	6,2	6,2	6,2	6,2
Nida LW60 lengthwise connector	pcs.	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Steel anchoring element [4]	pcs.	1,9	1,9	1,9	1,9	2,2	2,2	2,2	3,0	3,0	3,0	3,0
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	4,8	4,8	4,8	4,8	6,4	6,4	6,4	9,6	9,6	9,6	9,6
Nida 3.5x25 mm sheet metal screws	pcs.	6,0	6,0	-	-	6,0	-	-	6,0	6,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	6,0	6,0	-	-	6,0	-	-	6,0	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	6,0	-	-
Nida 3.5x55 mm sheet metal screws	pcs.	18,0	18,0	-	-	18,0	-	-	6,0	6,0	-	-
Nida 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	18,0	18,0	-	-
FixDens 4.2 x 25 mm screws	pcs.	-	-	6,0	-	-	6,0	-	-	-	6,0	-
FixDens 4.2 x 42 mm screws	pcs.	-	-	6,0	-	-	6,0	-	-	-	6,0	-
FixDens 4.2 x 60 mm screws	pcs.	-	-	18,0	-	-	18,0	-	-	-	6,0	-
FixDens 4.5 x 80 mm screws	pcs.	-	-	-	-	-	-	-	-	-	18,0	-
Nida Hydro CS 3.5x25 mm sheet metal screws	pcs.	-	-	-	6,0	-	-	6,0	-	-	-	6,0
Nida Hydro CS 3.5x41 mm sheet metal screws	pcs.	-	-	-	6,0	-	-	6,0	-	-	-	6,0
Nida Hydro CS 3.5x55 mm sheet metal screws	pcs.	-	-	-	18,0	-	-	18,0	-	-	-	6,0
Nida Hydro CS 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	-	-	18,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,9	0,9	-	-	0,9	-	-	1,2	1,2	-	-
Nida Finish gypsum putty	kg	0,1	0,1	-	-	0,1	-	-	0,1	0,1	-	-
Nida Hydromix ready-to-use joint filler [5]	kg	-	-	1,0	1,0	-	1,0	1,0	-	-	1,3	1,3
Mineral wool [6]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[4] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[5] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[6] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

www.siniat.pl

Nida systems search engine
www.systemynida.pl

Calculator of the Nida systems
www.siniat.pl/kalkulatory

Follow us on:

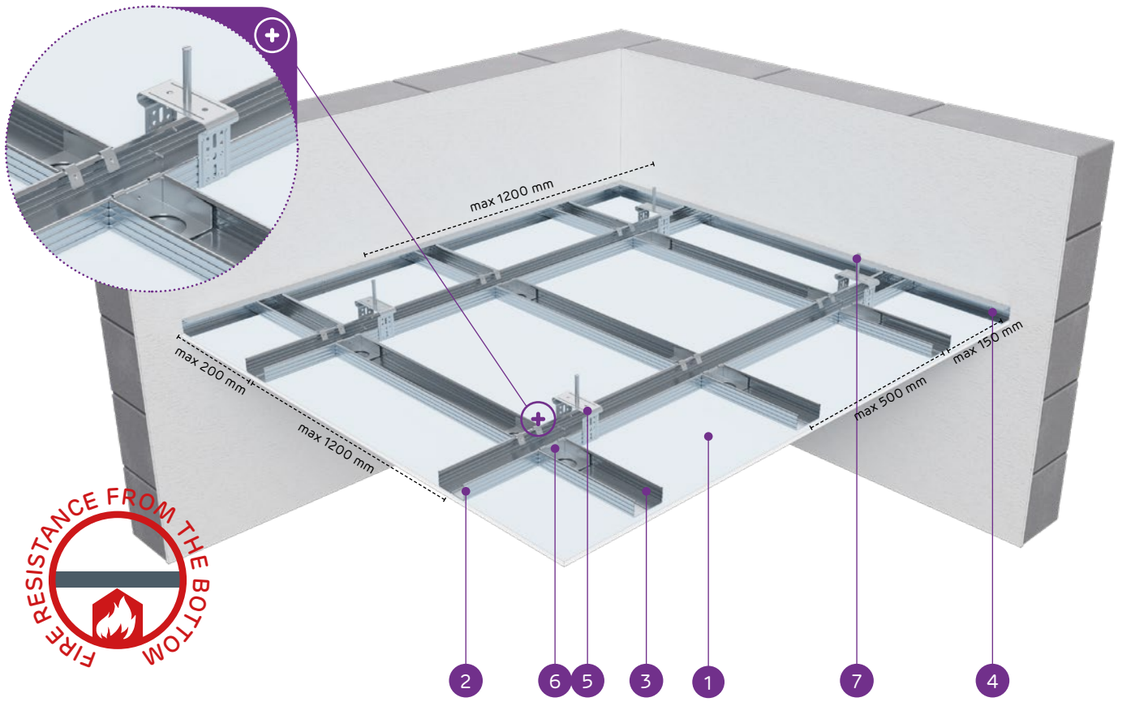
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
(R)EI20 (R)EI30	44 kg/m²	62,5 mm	10,9-18,1 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0024/15.11.2016

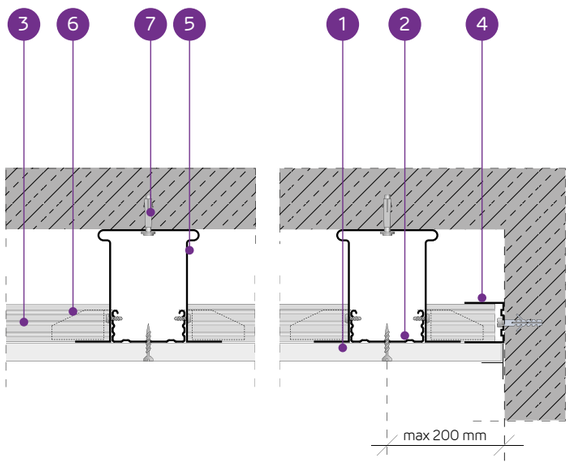
SYSTEMS:

JK/EL/CD60-12,5; JK/EL/CD60-15; JK/EL/CD60-18



MATERIALS:

1. Nida plasterboard
2. Nida CD 60 main profile
3. Nida CD 60 load-bearing profile
4. Nida UD 27 profile
5. Nida EL60 fixing element
6. Nida LPJ 60 single-sided crosswise connector, or Nida LPP 60 double connector
7. Steel anchoring element



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

etex inspiring ways of living

Promat

Polski Gips

KONFEDERACJA BUDOWNICTWA I NIERUCHOMOŚCI

THE SYSTEM OF THE SUSPENDED CEILINGS ON THE SINGLE-LEVEL NIDA CD60 (NIDA EL60) LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure				Plasterboard sheathing		Min. suspension height	Weight of 1m² of encase-ment	Fire resistan-ce class	Max. load of Nida ceiling		Resistance to impact [3]
	Type of Nida profile	Max. spacing of the Nida CD60 main profiles	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the Nida suspension elements	Nida	Thickness				Without fire resistance [1]	With fire resistance [2]	
		[mm]	[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
JK/EL/CD60-12,5/Expert	CD60/CD60	1200	500	1200	Expert	12,5	62,5	10,9	-	23	-	1A
JK/EL/CD60-12,5/Woda [4]	CD60/CD60	1200	500	1200	Woda	12,5	62,5	11,4	-	23	-	1A
JK/EL/CD60-12,5/Ogień+	CD60/CD60	1000	400	900	Ogień Plus	12,5	62,5	12,7	(R)EI20	41	7,5	1A
JK/EL/CD60-12,5/WodaOgień+	CD60/CD60	1000	400	900	Woda Ogień Plus	12,5	62,5	12,7	(R)EI20	41	7,5	1A
JK/EL/CD60-12,5/Twarda	CD60/CD60	1000	400	900	Twarda	12,5	62,5	15,5	(R)EI20	41	7,5	1A
JK/EL/CD60-12,5/Hydro	CD60/CD60	1000	400	900	Hydro	12,5	62,5	13,5	(R)EI20	41	7,5	1A
JK/EL/CD60-15/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	15,0	65	16,2	(R)EI20	44	7,5	1A
JK/EL/CD60-15/Twarda	CD60/CD60	1000	400	850	Twarda	15,0	65	18,1	(R)EI20	44	7,5	1A
JK/EL/CD60-15/Hydro	CD60/CD60	1000	400	850	Hydro	15,0	65	16,2	(R)EI20	44	7,5	1A
JK/EL/CD60-18/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	18,0	68	16,9	(R)EI30	44	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[4] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name									
		JK/EL/ CD60-12,5/ Expert	JK/EL/ CD60-12,5/ Woda	JK/EL/ CD60-12,5/ Ogień+	JK/EL/ CD60-12,5/ WodaOgień+	JK/EL/ CD60-12,5/ Twarda	JK/EL/ CD60-12,5/ Hydro	JK/EL/ CD60-15/ Ogień+	JK/EL/ CD60-15/ Twarda	JK/EL/ CD60-15/ Hydro	JK/EL/ CD60-18/ Ogień+
		Consumption of material per 1m²									
Nida Expert 12.5 mm plasterboard	m²	1,0	-	-	-	-	-	-	-	-	-
Nida Woda 12.5 mm plasterboard	m²	-	1,0	-	-	-	-	-	-	-	-
Nida Ogień Plus 12.5 mm plasterboard	m²	-	-	1,0	-	-	-	-	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	-	-	1,0	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	-	-	1,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m²	-	-	-	-	-	1,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	1,0	-	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	1,0	-	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	1,0	-
Nida Ogień Plus 18.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	1,0
Nida CD60 profile	lm	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9
Nida UD27 profile	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida EL60 fixing element	pcs.	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0
Nida LPJ 60 single-sided crosswise connector	pcs.	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4
Nida LW60 lengthwise connector	pcs.	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Steel anchoring element [5]	pcs.	1,6	1,6	1,6	1,6	1,6	1,6	1,6	1,6	1,6	1,6
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	4,0	4,0	4,0	4,0	4,0	4,0	4,0	4,0	4,0	4,0
Nida 3.5x25 mm sheet metal screws	pcs.	18,0	18,0	18,0	18,0	-	-	18,0	-	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	-	18,0
FixDens 4.2 x 25 mm screws	pcs.	-	-	-	-	18,0	-	-	18,0	-	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	18,0	-	-	18,0	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,3	0,3	0,3	0,3	-	-	0,3	-	-	0,3
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1	-	-	0,1	-	-	0,1
Nida Hydromix ready-to-use joint filler [6]	kg	-	-	-	-	0,4	0,4	-	0,4	0,4	-
Mineral wool [7]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[5] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[6] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[7] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

www.siniat.pl

Nida systems search engine
www.systemynida.pl

Calculator of the Nida systems
www.siniat.pl/kalkulatory

Follow us on:

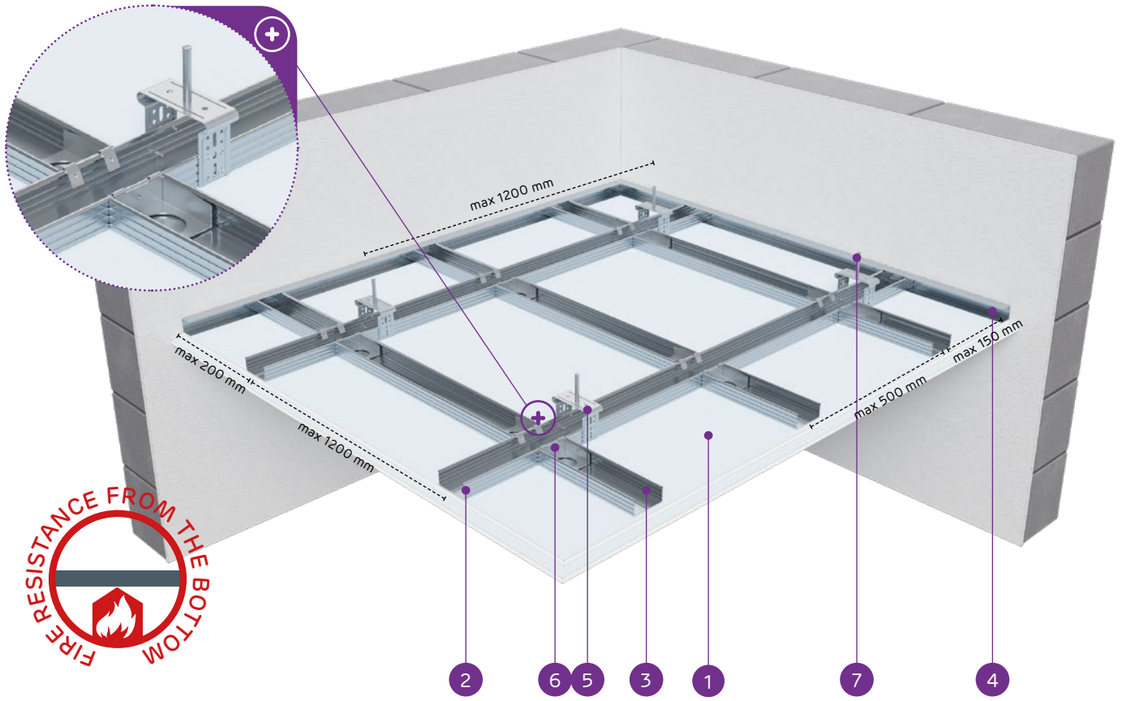
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
(R)EI30 (R)EI45 (R)EI60	47 kg/m²	75 mm	19,1-33,5 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0024/15.11.2016

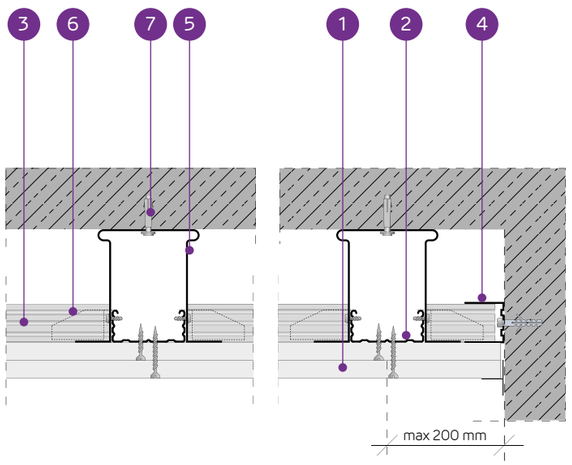
SYSTEMS:

JK/EL/CD60-25; JK/EL/CD60-27,5; JK/EL/CD60-30



MATERIALS:

1. Nida plasterboard
2. Nida CD 60 main profile
3. Nida CD 60 load-bearing profile
4. Nida UD 27 profile
5. Nida EL60 fixing element
6. Nida LPJ 60 single-sided crosswise connector, or Nida LPP 60 double connector
7. Steel anchoring element



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

etex inspiring ways of living

Promat

Polski GIPS

KONFEDERACJA BUDOWNICTWA I NIERUCHOMOŚCI

THE SYSTEM OF THE SUSPENDED CEILINGS ON THE SINGLE-LEVEL NIDA CD60 (NIDA EL60) LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure				Plasterboard sheathing		Min. suspension height	Weight of 1m² of encasement	Fire resistance class	Max. load of Nida ceiling		Resistance to impact [3]
	Type of Nida profile	Max. spacing of the Nida CD60 main profiles	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the Nida suspension elements	Nida	Thickness				Without fire resistance [1]	With fire resistance [2]	
		[mm]	[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
JK/EL/CD60-25/Expert	CD60/CD60	1200	500	1200	Expert	2x12,5	75	19,1	-	25	-	1A
JK/EL/CD60-25/Woda [4]	CD60/CD60	1200	500	1200	Woda	2x12,5	75	20,1	-	25	-	1A
JK/EL/CD60-25/OgieńTypF	CD60/CD60	1000	400	850	Ogień Typ F	2x12,5	75	19,9	(R)EI30	47	13,3	1A
JK/EL/CD60-25/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	2x12,5	75	22,7	(R)EI45	47	7,5	1A
JK/EL/CD60-25/WodaOgień+	CD60/CD60	1000	400	850	Woda Ogień Plus	2x12,5	75	22,7	(R)EI45	47	7,5	1A
JK/EL/CD60-25/Twarda	CD60/CD60	1000	400	850	Twarda	2x12,5	75	28,3	(R)EI45	47	7,5	1A
JK/EL/CD60-25/Hydro	CD60/CD60	1000	400	850	Hydro	2x12,5	75	24,3	(R)EI45	47	7,5	1A
JK/EL/CD60-27,5/Ogień+ [5]	CD60/CD60	1000	400	850	Ogień Plus	1x12,5+1x15,0	77,5	27,0	(R)EI60	47	7,5	1A
JK/EL/CD60-30/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	2x15,0	80	29,7	(R)EI60	47	7,5	1A
JK/EL/CD60-30/Twarda	CD60/CD60	1000	400	850	Twarda	2x15,0	80	33,5	(R)EI60	47	7,5	1A
JK/EL/CD60-30/Hydro	CD60/CD60	1000	400	850	Hydro	2x15,0	80	29,7	(R)EI60	47	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[4] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).
[5] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name										
		JK/EL/CD60-25/Expert	JK/EL/CD60-25/Woda	JK/EL/CD60-25/OgieńTypF	JK/EL/CD60-25/Ogień+	JK/EL/CD60-25/WodaOgień+	JK/EL/CD60-25/Twarda	JK/EL/CD60-25/Hydro	JK/EL/CD60-27,5/Ogień+	JK/EL/CD60-30/Ogień+	JK/EL/CD60-30/Twarda	JK/EL/CD60-30/Hydro
		Consumption of material per 1m²										
Nida Expert 12.5 mm plasterboard	m²	2,0	-	-	-	-	-	-	-	-	-	-
Nida Woda 12.5 mm plasterboard	m²	-	2,0	-	-	-	-	-	-	-	-	-
Nida Ogień Type F 12.5 mm plasterboard	m²	-	-	2,0	-	-	-	-	-	-	-	-
Nida Ogień Plus 12.5 mm plasterboard	m²	-	-	-	2,0	-	-	-	1,0	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	-	-	-	2,0	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	-	-	-	2,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m²	-	-	-	-	-	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	1,0	2,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	2,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	-	2,0
Nida CD60 profile	lm	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9
Nida UD27 profile	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida EL60 fixing element	pcs.	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0
Nida LPJ 60 single-sided crosswise connector	pcs.	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4
Nida LW60 lengthwise connector	pcs.	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Steel anchoring element [6]	pcs.	1,6	1,6	1,6	1,6	1,6	1,6	1,6	1,6	1,6	1,6	1,6
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	4,0	4,0	4,0	4,0	4,0	4,0	4,0	4,0	4,0	4,0	4,0
Nida 3.5x25 mm sheet metal screws	pcs.	6,0	6,0	6,0	6,0	6,0	-	-	6,0	6,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	18,0	18,0	18,0	18,0	18,0	-	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	18,0	18,0	-	-
FixDens 4.2 x 25 mm screws	pcs.	-	-	-	-	-	6,0	-	-	-	6,0	-
FixDens 4.2 x 42 mm screws	pcs.	-	-	-	-	-	18,0	-	-	-	-	-
FixDens 4.2 x 60 mm screws	pcs.	-	-	-	-	-	-	-	-	-	18,0	-
Nida Hydro CS 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	-	6,0	-	-	-	6,0
Nida Hydro CS 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	-	-	18,0	-	-	-	18,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,6	0,6	0,6	0,6	0,6	-	-	0,6	0,6	-	-
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1	0,1	-	-	0,1	0,1	-	-
Nida Hydromix ready-to-use joint filler [7]	kg	-	-	-	-	-	0,7	0,7	-	-	0,7	0,7
Mineral wool [8]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[6] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[7] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[8] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

www.siniat.pl

Nida systems search engine
www.systemynida.pl

Calculator of the Nida systems
www.siniat.pl/kalkulatory

Follow us on:

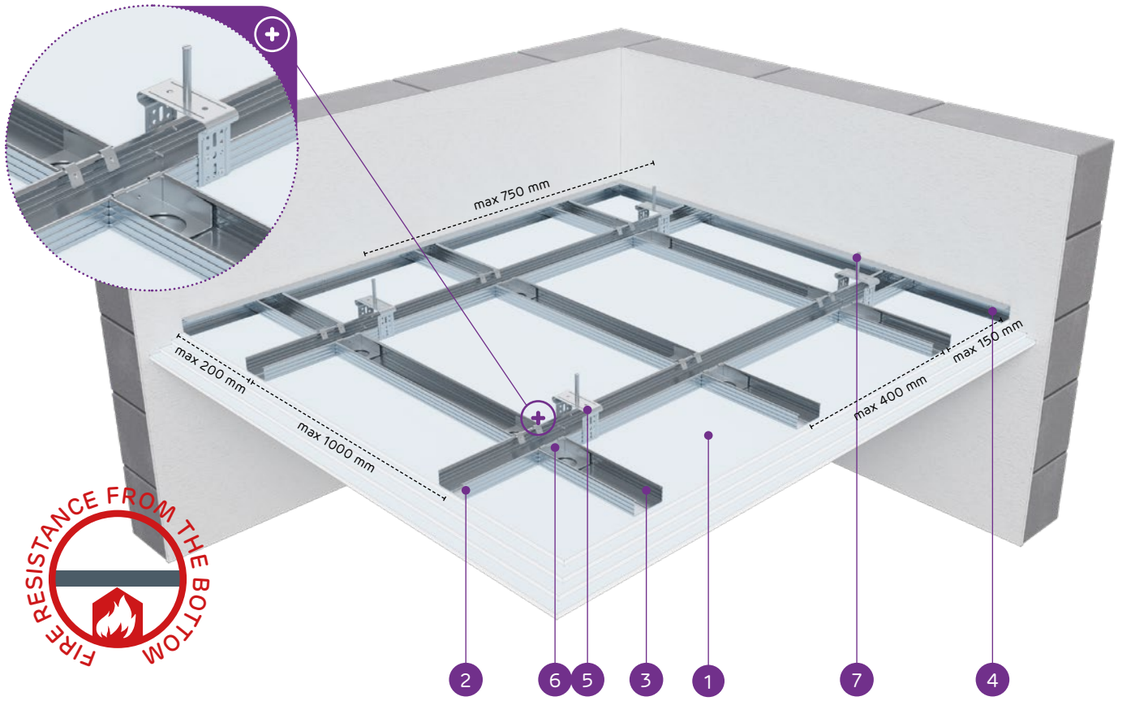
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
(R)EI60 (R)EI90 (R)EI120	75 kg/m²	87,5 mm	32,7-64,3 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0024/15.11.2016

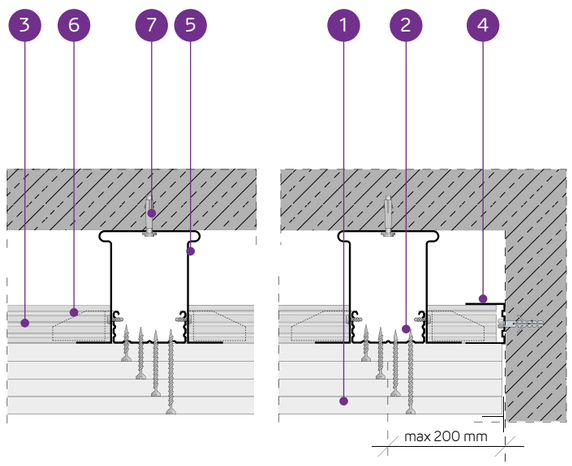
SYSTEMS:

JK/EL/CD60-37,5; JK/EL/CD60-40; JK/EL/CD60-55; JK/EL/CD60-60



MATERIALS:

1. Nida plasterboard
2. Nida CD 60 main profile
3. Nida CD 60 load-bearing profile
4. Nida UD 27 profile
5. Nida EL60 fixing element
6. Nida LPJ 60 single-sided crosswise connector, or Nida LPP 60 double connector
7. Steel anchoring element



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

etex inspiring ways of living

Promat

POLSKI GIPS

KONFEDERACJA BUDOWNICTWA I NIERUCHOMOŚCI

THE SYSTEM OF THE SUSPENDED CEILINGS ON THE SINGLE-LEVEL NIDA CD60 (NIDA EL60) LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure				Plasterboard sheathing		Min. suspension height	Weight of 1m² of encase-ment	Fire resistan-ce class	Max. load of Nida ceiling		Resistance to impact[3]
	Type of Nida profile	Max. spacing of the Nida CD60 main profiles	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the Nida suspension elements	Nida	Thickness				Without fire resistance[1]	With fire resistance[2]	
		[mm]	[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
JK/EL/CD60-37,5/Ogień+	CD60/CD60	1000	400	750	Ogień Plus	3x12,5	87,5	32,7	(R)EI60	65	7,5	1A
JK/EL/CD60-37,5/WodaOgień+	CD60/CD60	1000	400	750	Woda Ogień Plus	3x12,5	87,5	32,7	(R)EI60	65	7,5	1A
JK/EL/CD60-37,5/Twarda	CD60/CD60	1000	400	750	Twarda	3x12,5	87,5	41,1	(R)EI60	65	7,5	1A
JK/EL/CD60-37,5/Hydro	CD60/CD60	1000	400	750	Hydro	3x12,5	87,5	35,1	(R)EI60	65	7,5	1A
JK/EL/CD60-40/Ogień+	CD60/CD60	850	400	750	Ogień Plus	2x12,5+15,0	90	36,2	(R)EI90	65	7,5	1A
JK/EL/CD60-40/Twarda	CD60/CD60	850	400	750	Twarda	2x12,5+15,0	90	43,7	(R)EI90	65	7,5	1A
JK/EL/CD60-40/Hydro	CD60/CD60	850	400	750	Hydro	2x12,5+15,0	90	37,8	(R)EI90	65	7,5	1A
JK/EL/CD60-55/Ogień+	CD60/CD60	650	400	650	Ogień Plus	2x12,5+2x15,0	110	49,7	(R)EI120	75	7,5	1A
JK/EL/CD60-60/Ogień+	CD60/CD60	650	400	650	Ogień Plus	4x15,0	110	56,7	(R)EI120	75	7,5	1A
JK/EL/CD60-60/Twarda	CD60/CD60	650	400	650	Twarda	4x15,0	110	64,3	(R)EI120	75	7,5	1A
JK/EL/CD60-60/Hydro	CD60/CD60	650	400	650	Hydro	4x15,0	110	56,7	(R)EI120	75	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name										
		JK/EL/CD60-37,5/Ogień+	JK/EL/CD60-37,5/WodaOgień+	JK/EL/CD60-37,5/Twarda	JK/EL/CD60-37,5/Hydro	JK/EL/CD60-40/Ogień+	JK/EL/CD60-40/Twarda	JK/EL/CD60-40/Hydro	JK/EL/CD60-55/Ogień+	JK/EL/CD60-60/Ogień+	JK/EL/CD60-60/Twarda	JK/EL/CD60-60/Hydro
		Consumption of material per 1m²										
Nida Ogień Plus 12.5 mm plasterboard	m²	3,0	-	-	-	2,0	-	-	2,0	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	3,0	-	-	-	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	3,0	-	-	2,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m²	-	-	-	3,0	-	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	1,0	-	-	2,0	4,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	1,0	-	-	-	4,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	1,0	-	-	-	4,0
Nida CD60 profile	lm	2,9	2,9	2,9	2,9	3,2	3,2	3,2	3,6	3,6	3,6	3,6
Nida UD27 profile	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida EL60 fixing element	pcs.	1,2	1,2	1,2	1,2	1,6	1,6	1,6	2,4	2,4	2,4	2,4
Nida LPJ 60 single-sided crosswise connector	pcs.	3,4	3,4	3,4	3,4	4,8	4,8	4,8	6,2	6,2	6,2	6,2
Nida LW60 lengthwise connector	pcs.	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Steel anchoring element[4]	pcs.	1,9	1,9	1,9	1,9	2,2	2,2	2,2	3,0	3,0	3,0	3,0
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	4,8	4,8	4,8	4,8	6,4	6,4	6,4	9,6	9,6	9,6	9,6
Nida 3.5x25 mm sheet metal screws	pcs.	6,0	6,0	-	-	6,0	-	-	6,0	6,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	6,0	6,0	-	-	6,0	-	-	6,0	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	6,0	-	-
Nida 3.5x55 mm sheet metal screws	pcs.	18,0	18,0	-	-	18,0	-	-	6,0	6,0	-	-
Nida 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	18,0	18,0	-	-
FixDens 4.2 x 25 mm screws	pcs.	-	-	6,0	-	-	6,0	-	-	-	6,0	-
FixDens 4.2 x 42 mm screws	pcs.	-	-	6,0	-	-	6,0	-	-	-	6,0	-
FixDens 4.2 x 60 mm screws	pcs.	-	-	18,0	-	-	18,0	-	-	-	6,0	-
FixDens 4.5 x 80 mm screws	pcs.	-	-	-	-	-	-	-	-	-	18,0	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	6,0	-	-	6,0	-	-	-	6,0
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	6,0	-	-	6,0	-	-	-	6,0
Nida Hydro C5 3.5x55 mm sheet metal screws	pcs.	-	-	-	18,0	-	-	18,0	-	-	-	6,0
Nida Hydro C5 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	-	-	18,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,9	0,9	-	-	0,9	-	-	1,2	1,2	-	-
Nida Finish gypsum putty	kg	0,1	0,1	-	-	0,1	-	-	0,1	0,1	-	-
Nida Hydromix ready-to-use joint filler[5]	kg	-	-	1,0	1,0	-	1,0	1,0	-	-	1,3	1,3
Mineral wool[6]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[4] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[5] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[6] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

www.siniat.pl

Nida systems search engine
www.systemynida.pl

Calculator of the Nida systems
www.siniat.pl/kalkulatory

Follow us on:

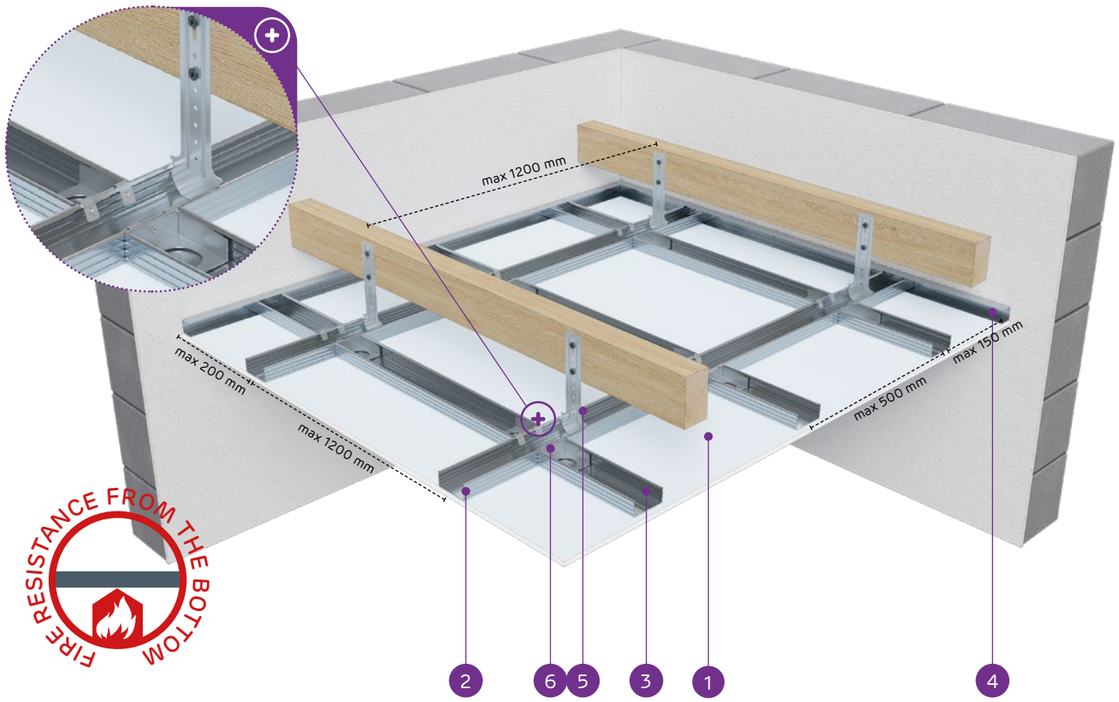
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
(R)EI20 (R)EI30	44 kg/m²	62,5 mm	10,9-18,1 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0024/15.11.2016

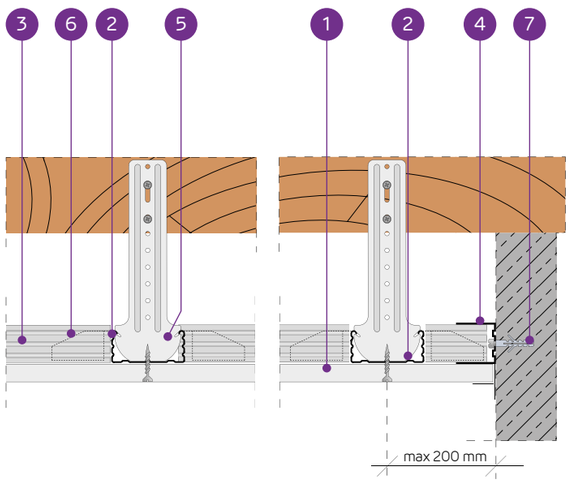
SYSTEMS:

JK/WP/CD60-12,5; JK/WP/CD60-15; JK/WP/CD60-18



MATERIALS:

1. Nida plasterboard
2. Nida CD 60 main profile
3. Nida CD 60 load-bearing profile
4. Nida UD 27 profile
5. Nida WP60 loft hanger
6. Nida LPJ 60 single-sided crosswise connector, or Nida LPP 60 double connector
7. Steel anchoring element



THE SYSTEM OF THE SUSPENDED CEILINGS ON THE SINGLE-LEVEL NIDA CD60 (NIDA WP60) LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure				Plasterboard sheathing		Min. suspension height	Weight of 1m² of encasement	Fire resistance class	Max. load of Nida ceiling		Resistance to impact[3]
	Type of Nida profile	Max. spacing of the Nida CD60 main profiles	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the Nida suspension elements	Nida	Thickness				Without fire resistance[1]	With fire resistance[2]	
		[mm]	[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
JK/WP/CD60-12,5/Expert	CD60/CD60	1200	500	1200	Expert	12,5	62,5	10,9	-	23	-	1A
JK/WP/CD60-12,5/Woda[4]	CD60/CD60	1200	500	1200	Woda	12,5	62,5	11,4	-	23	-	1A
JK/WP/CD60-12,5/Ogień+	CD60/CD60	1000	400	900	Ogień Plus	12,5	62,5	12,7	(R)EI20	41	7,5	1A
JK/WP/CD60-12,5/WodaOgień+	CD60/CD60	1000	400	900	Woda Ogień Plus	12,5	62,5	12,7	(R)EI20	41	7,5	1A
JK/WP/CD60-12,5/Twarda	CD60/CD60	1000	400	900	Twarda	12,5	62,5	15,5	(R)EI20	41	7,5	1A
JK/WP/CD60-12,5/Hydro	CD60/CD60	1000	400	900	Hydro	12,5	62,5	13,5	(R)EI20	41	7,5	1A
JK/WP/CD60-15/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	15,0	65	16,2	(R)EI20	44	7,5	1A
JK/WP/CD60-15/Twarda	CD60/CD60	1000	400	850	Twarda	15,0	65	18,1	(R)EI20	44	7,5	1A
JK/WP/CD60-15/Hydro	CD60/CD60	1000	400	850	Hydro	15,0	65	16,2	(R)EI20	44	7,5	1A
JK/WP/CD60-18/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	18,0	68	16,9	(R)EI30	44	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[4] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name									
		JK/WP/CD60-12,5/Expert	JK/WP/CD60-12,5/Woda	JK/WP/CD60-12,5/Ogień+	JK/WP/CD60-12,5/WodaOgień+	JK/WP/CD60-12,5/Twarda	JK/WP/CD60-12,5/Hydro	JK/WP/CD60-15/Ogień+	JK/WP/CD60-15/Twarda	JK/WP/CD60-15/Hydro	JK/WP/CD60-18/Ogień+
		Consumption of material per 1m²									
Nida Expert 12.5 mm plasterboard	m²	1,0	-	-	-	-	-	-	-	-	-
Nida Woda 12.5 mm plasterboard	m²	-	1,0	-	-	-	-	-	-	-	-
Nida Ogień Plus 12.5 mm plasterboard	m²	-	-	1,0	-	-	-	-	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	-	-	1,0	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	-	-	1,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m²	-	-	-	-	-	1,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	1,0	-	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	1,0	-	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	1,0	-
Nida Ogień Plus 18.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	1,0
Nida CD60 profile	lm	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9
Nida UD27 profile	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida WP60 loft hanger	pcs.	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0
Nida LPJ 60 single-sided crosswise connector	pcs.	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4
Nida LW60 lengthwise connector	pcs.	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Steel anchoring element[5]	pcs.	1,6	1,6	1,6	1,6	1,6	1,6	1,6	1,6	1,6	1,6
Nida 3.5x25 mm sheet metal screws	pcs.	18,0	18,0	18,0	18,0	-	-	18,0	-	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	-	18,0
FixDens 4.2 x 25 mm screws	pcs.	-	-	-	-	18,0	-	-	18,0	-	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	18,0	-	-	18,0	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,3	0,3	0,3	0,3	-	-	0,3	-	-	0,3
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1	-	-	0,1	-	-	0,1
Nida Hydromix ready-to-use joint filler[6]	kg	-	-	-	-	0,4	0,4	-	0,4	0,4	-
Mineral wool[7]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[5] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[6] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[7] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

www.siniat.pl
Nida systems search engine
www.systemynida.pl
Calculator of the Nida systems
www.siniat.pl/kalkulatory
Follow us on:

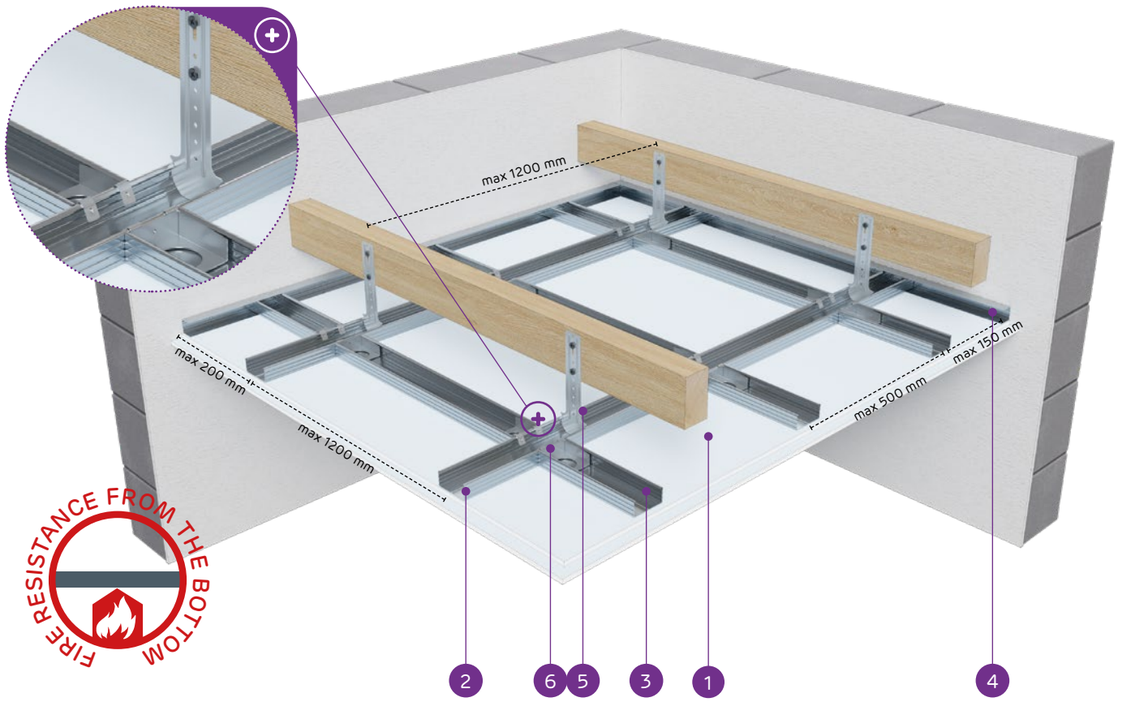
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
(R)EI30 (R)EI45 (R)EI60	47 kg/m²	75 mm	19,1-33,5 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0024/15.11.2016

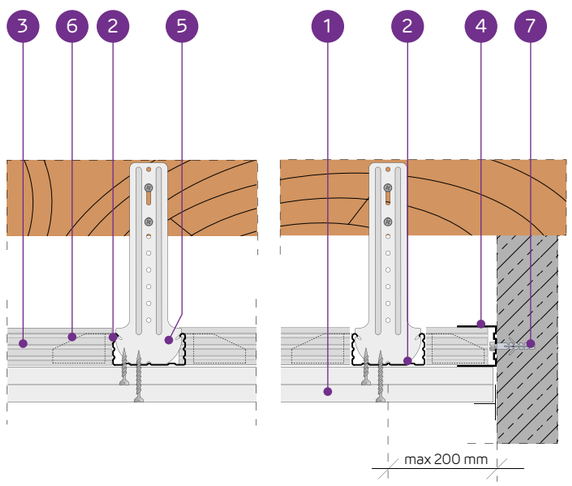
SYSTEMS:

JK/WP/CD60-25; JK/WP/CD60-27,5; JK/WP/CD60-30



MATERIALS:

1. Nida plasterboard
2. Nida CD 60 main profile
3. Nida CD 60 load-bearing profile
4. Nida UD 27 profile
5. Nida WP60 loft hanger
6. Nida LPJ 60 single-sided crosswise connector, or Nida LPP 60 double connector
7. Steel anchoring element



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

etex inspiring ways of living

Promat

Polski Gips

KONFEDERACJA BUDOWNICTWA I NIERUCHOMOŚCI

THE SYSTEM OF THE SUSPENDED CEILINGS ON THE SINGLE-LEVEL NIDA CD60 (NIDA WP60) LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure				Plasterboard sheathing		Min. suspension height	Weight of 1m² of encasement	Fire resistance class	Max. load of Nida ceiling		Resistance to impact [3]
	Type of Nida profile	Max. spacing of the Nida CD60 main profiles	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the Nida suspension elements	Nida	Thickness				Without fire resistance [1]	With fire resistance [2]	
		[mm]	[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
JK/WP/CD60-25/Expert	CD60/CD60	1200	500	1200	Expert	2x12,5	75	19,1	-	25	-	1A
JK/WP/CD60-25/Woda [4]	CD60/CD60	1200	500	1200	Woda	2x12,5	75	20,1	-	25	-	1A
JK/WP/CD60-25/OgieńTypF	CD60/CD60	1000	400	850	Ogień Typ F	2x12,5	75	19,9	(R)EI30	47	13,3	1A
JK/WP/CD60-25/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	2x12,5	75	22,7	(R)EI45	47	7,5	1A
JK/WP/CD60-25/WodaOgień+	CD60/CD60	1000	400	850	Woda Ogień Plus	2x12,5	75	22,7	(R)EI45	47	7,5	1A
JK/WP/CD60-25/Twarda	CD60/CD60	1000	400	850	Twarda	2x12,5	75	28,3	(R)EI45	47	7,5	1A
JK/WP/CD60-25/Hydro	CD60/CD60	1000	400	850	Hydro	2x12,5	75	24,3	(R)EI45	47	7,5	1A
JK/WP/CD60-27,5/Ogień+ [5]	CD60/CD60	1000	400	850	Ogień Plus	1x12,5+15,0	77,5	27,0	(R)EI60	47	7,5	1A
JK/WP/CD60-30/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	2x15,0	80	29,7	(R)EI60	47	7,5	1A
JK/WP/CD60-30/Twarda	CD60/CD60	1000	400	850	Twarda	2x15,0	80	33,5	(R)EI60	47	7,5	1A
JK/WP/CD60-30/Hydro	CD60/CD60	1000	400	850	Hydro	2x15,0	80	29,7	(R)EI60	47	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[4] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).
[5] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name										
		JK/WP/CD60-25/Expert	JK/WP/CD60-25/Woda	JK/WP/CD60-25/OgieńTypF	JK/WP/CD60-25/Ogień+	JK/WP/CD60-25/WodaOgień+	JK/WP/CD60-25/Twarda	JK/WP/CD60-25/Hydro	JK/WP/CD60-27,5/Ogień+	JK/WP/CD60-30/Ogień+	JK/WP/CD60-30/Twarda	JK/WP/CD60-30/Hydro
		Consumption of material per 1m²										
Nida Expert 12.5 mm plasterboard	m²	2,0	-	-	-	-	-	-	-	-	-	-
Nida Woda 12.5 mm plasterboard	m²	-	2,0	-	-	-	-	-	-	-	-	-
Nida Ogień Type F 12.5 mm plasterboard	m²	-	-	2,0	-	-	-	-	-	-	-	-
Nida Ogień Plus 12.5 mm plasterboard	m²	-	-	-	2,0	-	-	-	1,0	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	-	-	-	2,0	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	-	-	-	2,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m²	-	-	-	-	-	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	1,0	2,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	2,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	-	2,0
Nida CD60 profile	lm	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9
Nida UD27 profile	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida WP60 loft hanger	pcs.	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0
Nida LPJ 60 single-sided crosswise connector	pcs.	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4
Nida LW60 lengthwise connector	pcs.	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Steel anchoring element [6]	pcs.	1,6	1,6	1,6	1,6	1,6	1,6	1,6	1,6	1,6	1,6	1,6
Nida 3.5x25 mm sheet metal screws	pcs.	6,0	6,0	6,0	6,0	6,0	-	-	6,0	6,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	18,0	18,0	18,0	18,0	18,0	-	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	18,0	18,0	-	-
FixDens 4.2 x 25 mm screws	pcs.	-	-	-	-	-	6,0	-	-	-	6,0	-
FixDens 4.2 x 42 mm screws	pcs.	-	-	-	-	-	18,0	-	-	-	-	-
FixDens 4.2 x 60 mm screws	pcs.	-	-	-	-	-	-	-	-	-	18,0	-
Nida Hydro CS 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	-	6,0	-	-	-	6,0
Nida Hydro CS 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	-	-	18,0	-	-	-	18,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,6	0,6	0,6	0,6	0,6	-	-	0,6	0,6	-	-
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1	0,1	-	-	0,1	0,1	-	-
Nida Hydromix ready-to-use joint filler [7]	kg	-	-	-	-	-	0,7	0,7	-	-	0,7	0,7
Mineral wool [8]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[6] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[7] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[8] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

www.siniat.pl

Nida systems search engine
www.systemynida.pl

Calculator of the Nida systems
www.siniat.pl/kalkulatory

Follow us on:

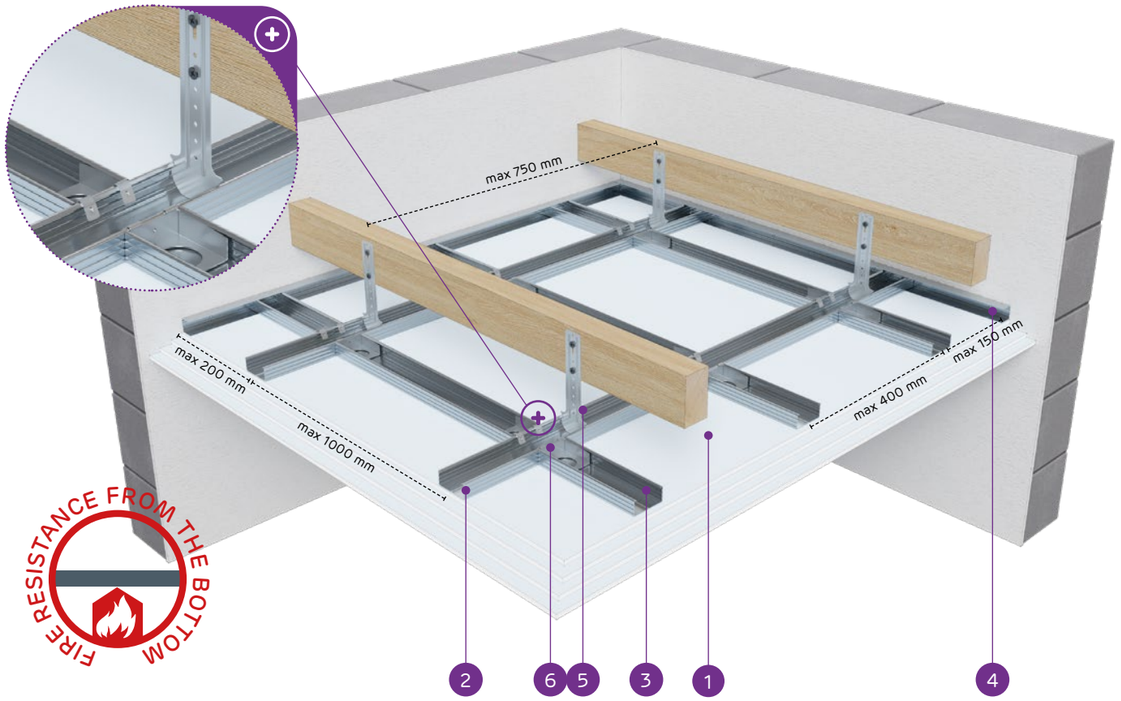
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
(R)EI60 (R)EI90 (R)EI120	75 kg/m²	87,5 mm	32,7-64,3 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0024/15.11.2016

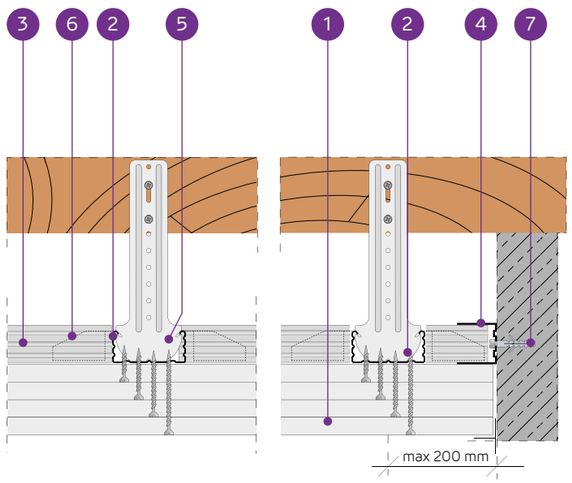
SYSTEMS:

JK/WP/CD60-37,5; JK/WP/CD60-40; JK/WP/CD60-55; JK/WP/CD60-60



MATERIALS:

1. Nida plasterboard
2. Nida CD 60 main profile
3. Nida CD 60 load-bearing profile
4. Nida UD 27 profile
5. Nida WP60 loft hanger
6. Nida LPJ 60 single-sided crosswise connector, or Nida LPP 60 double connector
7. Steel anchoring element



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

etex inspiring ways of living

Promat

Polski Gips

KONFEDERACJA BUDOWNICTWA I NIERUCHOMOŚCI

THE SYSTEM OF THE SUSPENDED CEILINGS ON THE SINGLE-LEVEL NIDA CD60 (NIDA WP60) LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure				Plasterboard sheathing		Min. suspension height	Weight of 1m² of encasement	Fire resistance class	Max. load of Nida ceiling		Resistance to impact[3]
	Type of Nida profile	Max. spacing of the Nida CD60 main profiles	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the Nida suspension elements	Nida	Thickness				Without fire resistance[1]	With fire resistance[2]	
		[mm]	[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
JK/WP/CD60-37,5/Ogień+	CD60/CD60	1000	400	750	Ogień Plus	3x12,5	87,5	32,7	(R)EI60	65	7,5	1A
JK/WP/CD60-37,5/WodaOgień+	CD60/CD60	1000	400	750	Woda Ogień Plus	3x12,5	87,5	32,7	(R)EI60	65	7,5	1A
JK/WP/CD60-37,5/Twarda	CD60/CD60	1000	400	750	Twarda	3x12,5	87,5	41,1	(R)EI60	65	7,5	1A
JK/WP/CD60-37,5/Hydro	CD60/CD60	1000	400	750	Hydro	3x12,5	87,5	35,1	(R)EI60	65	7,5	1A
JK/WP/CD60-40/Ogień+	CD60/CD60	850	400	750	Ogień Plus	2x12,5+15,0	90	36,2	(R)EI90	65	7,5	1A
JK/WP/CD60-40/Twarda	CD60/CD60	850	400	750	Twarda	2x12,5+15,0	90	43,7	(R)EI90	65	7,5	1A
JK/WP/CD60-40/Hydro	CD60/CD60	850	400	750	Hydro	2x12,5+15,0	90	37,8	(R)EI90	65	7,5	1A
JK/WP/CD60-55/Ogień+	CD60/CD60	650	400	650	Ogień Plus	2x12,5+2x15,0	110	49,7	(R)EI120	75	7,5	1A
JK/WP/CD60-60/Ogień+	CD60/CD60	650	400	650	Ogień Plus	4x15,0	110	56,7	(R)EI120	75	7,5	1A
JK/WP/CD60-60/Twarda	CD60/CD60	650	400	650	Twarda	4x15,0	110	64,3	(R)EI120	75	7,5	1A
JK/WP/CD60-60/Hydro	CD60/CD60	650	400	650	Hydro	4x15,0	110	56,7	(R)EI120	75	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name										
		JK/WP/CD60-37,5/Ogień+	JK/WP/CD60-37,5/WodaOgień+	JK/WP/CD60-37,5/Twarda	JK/WP/CD60-37,5/Hydro	JK/WP/CD60-40/Ogień+	JK/WP/CD60-40/Twarda	JK/WP/CD60-40/Hydro	JK/WP/CD60-55/Ogień+	JK/WP/CD60-60/Ogień+	JK/WP/CD60-60/Twarda	JK/WP/CD60-60/Hydro
		Consumption of material per 1m²										
Nida Ogień Plus 12.5 mm plasterboard	m²	3,0	-	-	-	2,0	-	-	2,0	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	3,0	-	-	-	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	3,0	-	-	2,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m²	-	-	-	3,0	-	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	1,0	-	-	2,0	4,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	1,0	-	-	-	4,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	1,0	-	-	-	4,0
Nida CD60 profile	lm	2,9	2,9	2,9	2,9	3,2	3,2	3,2	3,6	3,6	3,6	3,6
Nida UD27 profile	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida WP60 loft hanger	pcs.	1,2	1,2	1,2	1,2	1,6	1,6	1,6	2,4	2,4	2,4	2,4
Nida LPJ 60 single-sided crosswise connector	pcs.	3,4	3,4	3,4	3,4	4,8	4,8	4,8	6,2	6,2	6,2	6,2
Nida LW60 lengthwise connector	pcs.	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Steel anchoring element[4]	pcs.	1,9	1,9	1,9	1,9	2,2	2,2	2,2	3,0	3,0	3,0	3,0
Nida 3.5x25 mm sheet metal screws	pcs.	6,0	6,0	-	-	6,0	-	-	6,0	6,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	6,0	6,0	-	-	6,0	-	-	6,0	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	6,0	-	-
Nida 3.5x55 mm sheet metal screws	pcs.	18,0	18,0	-	-	18,0	-	-	6,0	6,0	-	-
Nida 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	18,0	18,0	-	-
FixDens 4.2 x 25 mm screws	pcs.	-	-	6,0	-	-	6,0	-	-	-	6,0	-
FixDens 4.2 x 42 mm screws	pcs.	-	-	6,0	-	-	6,0	-	-	-	6,0	-
FixDens 4.2 x 60 mm screws	pcs.	-	-	18,0	-	-	18,0	-	-	-	6,0	-
FixDens 4.5 x 80 mm screws	pcs.	-	-	-	-	-	-	-	-	-	18,0	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	6,0	-	-	6,0	-	-	-	6,0
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	6,0	-	-	6,0	-	-	-	6,0
Nida Hydro C5 3.5x55 mm sheet metal screws	pcs.	-	-	-	18,0	-	-	18,0	-	-	-	6,0
Nida Hydro C5 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	-	-	18,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,9	0,9	-	-	0,9	-	-	1,2	1,2	-	-
Nida Finish gypsum putty	kg	0,1	0,1	-	-	0,1	-	-	0,1	0,1	-	-
Nida Hydromix ready-to-use joint filler[5]	kg	-	-	1,0	1,0	-	1,0	1,0	-	-	1,3	1,3
Mineral wool[6]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[4] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[5] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[6] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

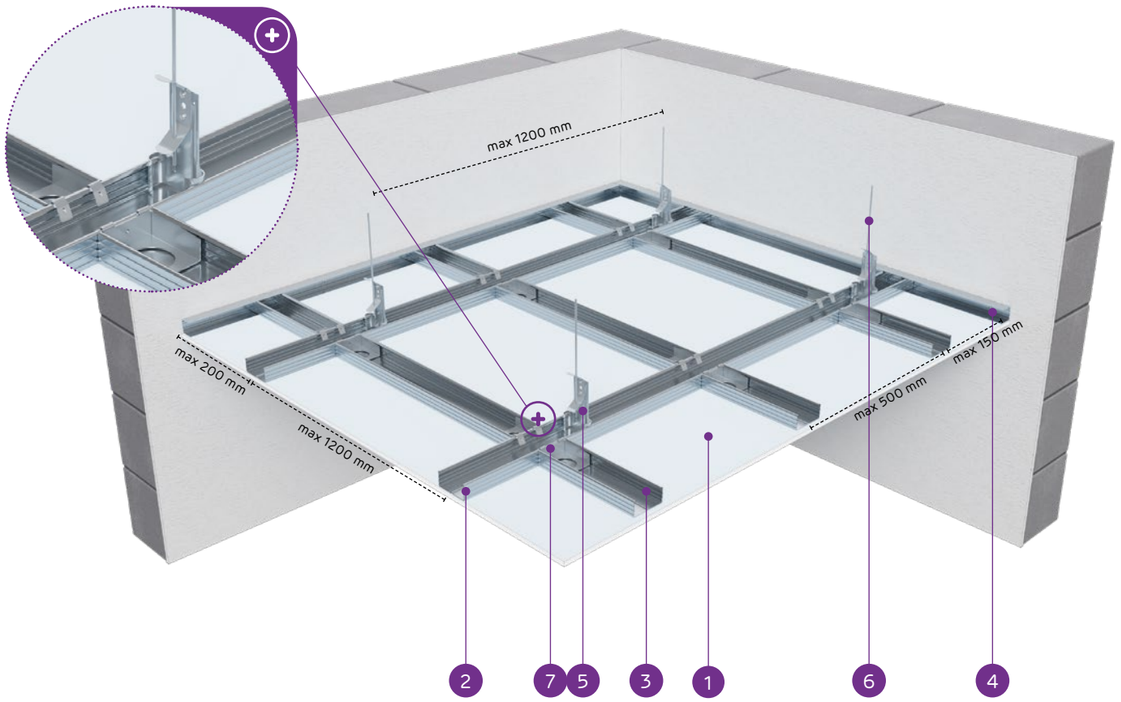
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
N/A	25 kg/m²	192,5 mm	10,9-20,1 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0024/15.11.2016

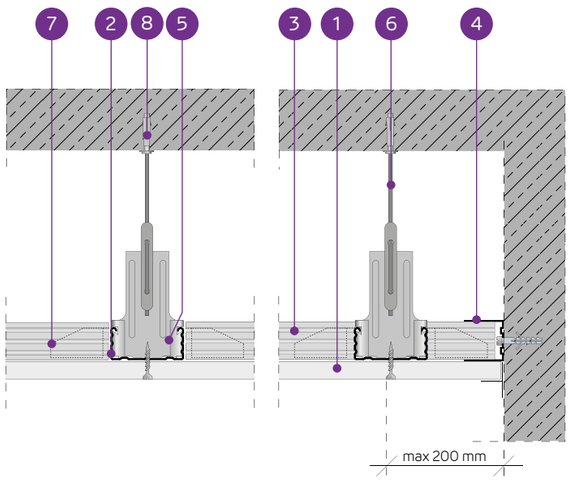
SYSTEMS:

JK/WO/CD60-12,5; JK/WO/CD60-25



MATERIALS:

1. Nida plasterboard
2. Nida CD 60 main profile
3. Nida CD 60 load-bearing profile
4. Nida UD 27 profile
5. Nida WO60 rotary hanger
6. Nida fixing rod
7. Nida LPJ 60 single-sided crosswise connector, or Nida LPP 60 double connector
8. Steel anchoring element



THE SYSTEM OF THE SUSPENDED CEILINGS ON THE SINGLE-LEVEL NIDA CD60 (NIDA WO60) LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure				Plasterboard sheathing		Min. suspension height	Weight of 1m² of encase-ment	Fire resistance class	Max. load of Nida ceiling		Resistance to impact [2]
	Type of Nida profile	Max. spacing of the Nida CD60 main profiles	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the Nida suspension elements	Nida	Thickness				Without fire resistance [1]	With fire resistance	
		[mm]	[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
JK/WO/CD60-12,5/Expert	CD60/CD60	1200	500	1200	Expert	12,5	192,5	10,9	-	23	-	-
JK/WO/CD60-12,5/Woda [3]	CD60/CD60	1200	500	1200	Woda	12,5	192,5	11,4	-	23	-	-
JK/WO/CD60-25/Expert	CD60/CD60	1200	500	1200	Expert	2x12,5	205	19,1	-	25	-	-
JK/WO/CD60-25/Woda [3]	CD60/CD60	1200	500	1200	Woda	2x12,5	205	20,1	-	25	-	-

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name			
		JK/WO/CD60-12,5/Expert	JK/WO/CD60-12,5/Woda	JK/WO/CD60-25/Expert	JK/WO/CD60-25/Woda
		Consumption of material per 1m²			
Nida Expert 12.5 mm plasterboard	m²	1,0	-	2,0	-
Nida Woda 12.5 mm plasterboard	m²	-	1,0	-	2,0
Nida CD60 profile	lm	2,9	2,9	2,9	2,9
Nida UD27 profile	lm	0,6	0,6	0,6	0,6
Nida WO60 rotary hanger	pcs.	1,0	1,0	1,0	1,0
Nida fixing rod	pcs.	1,0	1,0	1,0	1,0
Nida LPJ 60 single-sided crosswise connector	pcs.	3,4	3,4	3,4	3,4
Nida LW60 lengthwise connector	pcs.	0,6	0,6	0,6	0,6
Steel anchoring element [4]	pcs.	1,6	1,6	1,6	1,6
Nida 3.5x25 mm sheet metal screws	pcs.	18,0	18,0	6,0	6,0
Nida 3.5x35 mm sheet metal screws	pcs.	-	-	18,0	18,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,3	0,3	0,6	0,6
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1
Mineral wool [5]	m²	1,0	1,0	1,0	1,0

[4] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[5] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

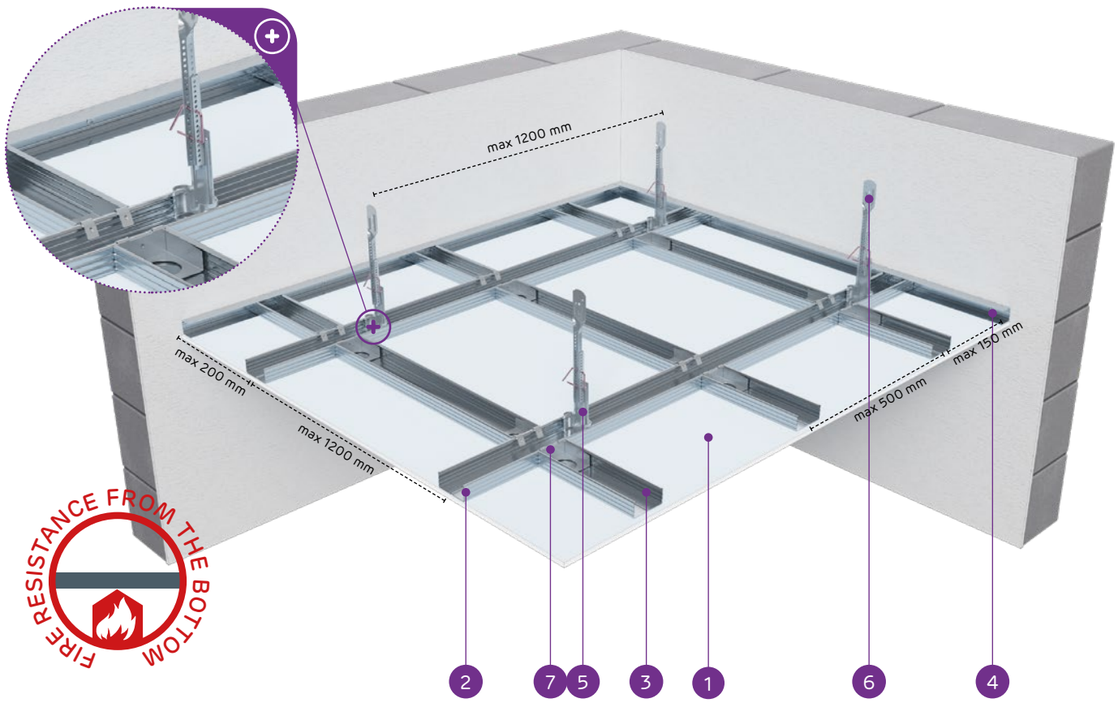
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
(R)EI20 (R)EI30	44 kg/m²	192,5 mm	10,9-18,1 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0024/15.11.2016

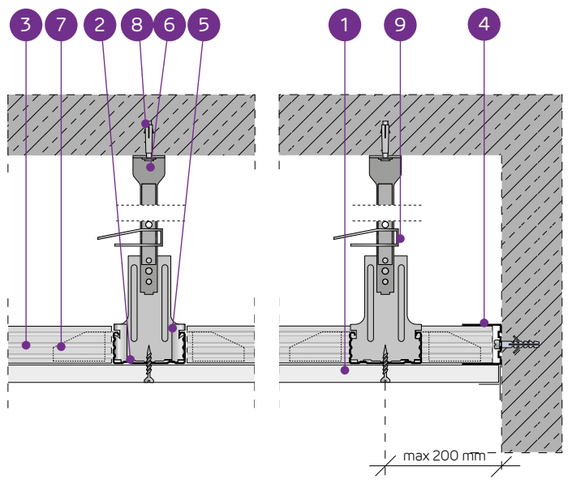
SYSTEMS:

JK/WON/CD60-12,5; JK/WON/CD60-15; JK/WON/CD60-18



MATERIALS:

1. Nida plasterboard
2. Nida CD 60 main profile
3. Nida CD 60 load-bearing profile
4. Nida UD 27 profile
5. Nida WON 60 bottom rotary nonius hanger
6. Nida WGN top nonius hanger
7. Nida LPJ 60 single-sided crosswise connector, or Nida LPP 60 double connector
8. Steel anchoring element
9. Siniat FAST-PIN nonius hanger pin



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

etex inspiring ways of living

Promat

Polski GPS

KONFEDERACJA BUDOWNICTWA I NIERUCHOMOŚCI

THE SYSTEM OF THE SUSPENDED CEILINGS ON THE SINGLE-LEVEL NIDA CD60 (NIDA WON60) LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure				Plasterboard sheathing		Min. suspension height	Weight of 1m² of encase-ment	Fire resi-stance class	Max. load of Nida ceiling		Resistance to impact [3]
	Type of Nida profile	Max. spacing of the Nida CD60 main profiles	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the Nida suspension elements	Nida	Thickness				Without fire resistance [1]	With fire resistance [2]	
		[mm]	[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
JK/WON/CD60-12,5/Expert	CD60/CD60	1200	500	1200	Expert	12,5	192,5	10,9	-	23	-	1A
JK/WON/CD60-12,5/Woda [4]	CD60/CD60	1200	500	1200	Woda	12,5	192,5	11,4	-	23	-	1A
JK/WON/CD60-12,5/Ogień+	CD60/CD60	1000	400	900	Ogień Plus	12,5	192,5	12,7	(R)EI20	41	7,5	1A
JK/WON/CD60-12,5/WodaOgień+	CD60/CD60	1000	400	900	Woda Ogień Plus	12,5	192,5	12,7	(R)EI20	41	7,5	1A
JK/WON/CD60-12,5/Twarda	CD60/CD60	1000	400	900	Twarda	12,5	192,5	15,5	(R)EI20	41	7,5	1A
JK/WON/CD60-12,5/Hydro	CD60/CD60	1000	400	900	Hydro	12,5	192,5	13,5	(R)EI20	41	7,5	1A
JK/WON/CD60-15/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	15,0	195	16,2	(R)EI20	44	7,5	1A
JK/WON/CD60-15/Twarda	CD60/CD60	1000	400	850	Twarda	15,0	195	18,1	(R)EI20	44	7,5	1A
JK/WON/CD60-15/Hydro	CD60/CD60	1000	400	850	Hydro	15,0	195	16,2	(R)EI20	44	7,5	1A
JK/WON/CD60-18/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	18,0	198	16,9	(R)EI30	44	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[4] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name									
		JK/WON/CD60-12,5/Expert	JK/WON/CD60-12,5/Woda	JK/WON/CD60-12,5/Ogień+	JK/WON/CD60-12,5/WodaOgień+	JK/WON/CD60-12,5/Twarda	JK/WON/CD60-12,5/Hydro	JK/WON/CD60-15/Ogień+	JK/WON/CD60-15/Twarda	JK/WON/CD60-15/Hydro	JK/WON/CD60-18/Ogień+
		Consumption of material per 1m²									
Nida Expert 12.5 mm plasterboard	m²	1,0	-	-	-	-	-	-	-	-	-
Nida Woda 12.5 mm plasterboard	m²	-	1,0	-	-	-	-	-	-	-	-
Nida Ogień Plus 12.5 mm plasterboard	m²	-	-	1,0	-	-	-	-	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	-	-	1,0	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	-	-	1,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m²	-	-	-	-	-	1,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	1,0	-	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	1,0	-	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	1,0	-
Nida Ogień Plus 18.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	1,0
Nida CD60 profile	lm	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9
Nida UD27 profile	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida WON 60 rotary nonius hanger [5]	pcs.	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0
Nida WGN top nonius hanger	pcs.	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0
Siniat FAST-PIN nonius hanger pin	pcs.	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0
Nida LPJ 60 single-sided crosswise connector	pcs.	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4
Nida LW60 lengthwise connector	pcs.	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Steel anchoring element [6]	pcs.	1,6	1,6	1,6	1,6	1,6	1,6	1,6	1,6	1,6	1,6
Nida 3.5x25 mm sheet metal screws	pcs.	18,0	18,0	18,0	18,0	-	-	18,0	-	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	-	18,0
FixDens 4.2 x 25 mm screws	pcs.	-	-	-	-	18,0	-	-	18,0	-	-
Nida Hydro CS 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	18,0	-	-	18,0	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,3	0,3	0,3	0,3	-	-	0,3	-	-	0,3
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1	-	-	0,1	-	-	0,1
Nida Hydromix ready-to-use joint filler [7]	kg	-	-	-	-	0,4	0,4	-	0,4	0,4	-
Mineral wool [8]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[5] Can be replaced with the reinforced bottom nonius hanger.
[6] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[7] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[8] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

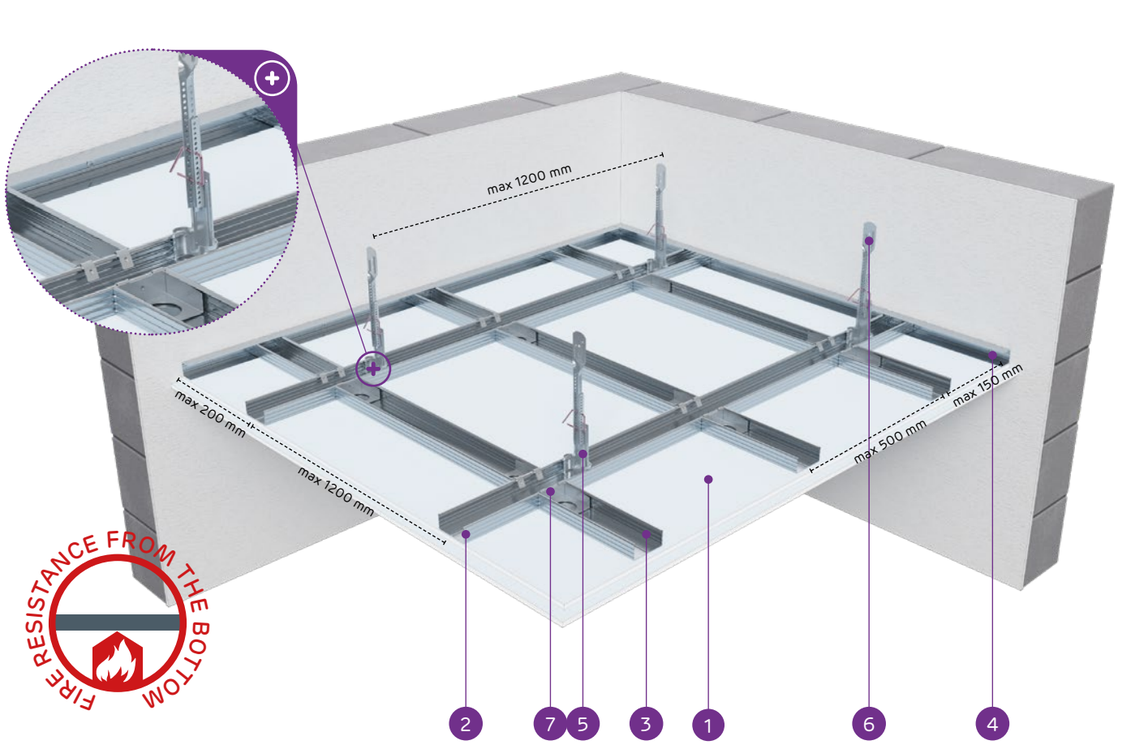
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
(R)EI30 (R)EI45 (R)EI60	47 kg/m²	205 mm	19,1-33,5 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0024/15.11.2016

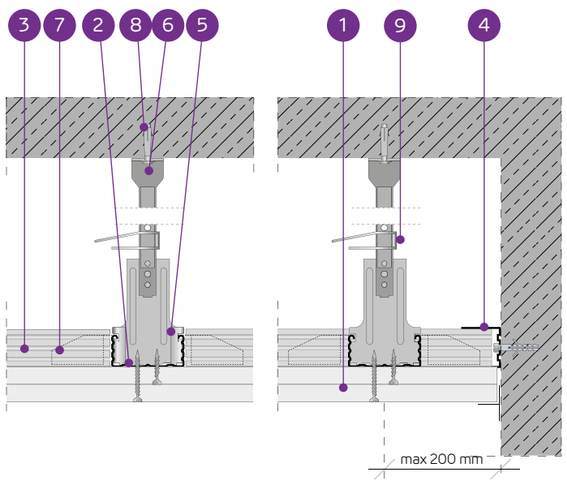
SYSTEMS:

JK/WON/CD60-25; JK/WON/CD60-27,5; JK/WON/CD60-30



MATERIALS:

1. Nida plasterboard
2. Nida CD 60 main profile
3. Nida CD 60 load-bearing profile
4. Nida UD 27 profile
5. Nida WON 60 bottom rotary nonius hanger
6. Nida WGN top nonius hanger
7. Nida LPJ 60 single-sided crosswise connector, or Nida LPP 60 double connector
8. Steel anchoring element
9. Siniat FAST-PIN nonius hanger pin



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

etex inspiring ways of living

Promat

KONFEDERACJA BUDOWNICTWA I NIERUCHOMOŚCI

THE SYSTEM OF THE SUSPENDED CEILINGS ON THE SINGLE-LEVEL NIDA CD60 (NIDA WON60) LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure				Plasterboard sheathing		Min. suspension height	Weight of 1m² of encase-ment	Fire resistance class	Max. load of Nida ceiling		Resistance to impact [3]
	Type of Nida profile	Max. spacing of the Nida CD60 main profiles	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the Nida suspension elements	Nida	Thickness				Without fire resistance [1]	With fire resistance [2]	
		[mm]	[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
JK/WON/CD60-25/Expert	CD60/CD60	1200	500	1200	Expert	2x12,5	205	19,1	-	25	-	1A
JK/WON/CD60-25/Woda [4]	CD60/CD60	1200	500	1200	Woda	2x12,5	205	20,1	-	25	-	1A
JK/WON/CD60-25/OgieńTypF	CD60/CD60	1000	400	850	Ogień Typ F	2x12,5	205	19,9	(R)EI30	47	13,3	1A
JK/WON/CD60-25/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	2x12,5	205	22,7	(R)EI45	47	7,5	1A
JK/WON/CD60-25/WodaOgień+	CD60/CD60	1000	400	850	Woda Ogień Plus	2x12,5	205	22,7	(R)EI45	47	7,5	1A
JK/WON/CD60-25/Twarda	CD60/CD60	1000	400	850	Twarda	2x12,5	205	28,3	(R)EI45	47	7,5	1A
JK/WON/CD60-25/Hydro	CD60/CD60	1000	400	850	Hydro	2x12,5	205	24,3	(R)EI45	47	7,5	1A
JK/WON/CD60-27,5/Ogień+ [5]	CD60/CD60	1000	400	850	Ogień Plus	1x12,5+15,0	207,5	27,0	(R)EI60	47	7,5	1A
JK/WON/CD60-30/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	2x15,0	210	29,7	(R)EI60	47	7,5	1A
JK/WON/CD60-30/Twarda	CD60/CD60	1000	400	850	Twarda	2x15,0	210	33,5	(R)EI60	47	7,5	1A
JK/WON/CD60-30/Hydro	CD60/CD60	1000	400	850	Hydro	2x15,0	210	29,7	(R)EI60	47	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[4] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).
[5] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name										
		JK/WON/CD60-25/Expert	JK/WON/CD60-25/Woda	JK/WON/CD60-25/OgieńTypF	JK/WON/CD60-25/Ogień+	JK/WON/CD60-25/WodaOgień+	JK/WON/CD60-25/Twarda	JK/WON/CD60-25/Hydro	JK/WON/CD60-27,5/Ogień+	JK/WON/CD60-30/Ogień+	JK/WON/CD60-30/Twarda	JK/WON/CD60-30/Hydro
		Consumption of material per 1m²										
Nida Expert 12.5 mm plasterboard	m²	2,0	-	-	-	-	-	-	-	-	-	-
Nida Woda 12.5 mm plasterboard	m²	-	2,0	-	-	-	-	-	-	-	-	-
Nida Ogień Type F 12.5 mm plasterboard	m²	-	-	2,0	-	-	-	-	-	-	-	-
Nida Ogień Plus 12.5 mm plasterboard	m²	-	-	-	2,0	-	-	-	1,0	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	-	-	-	2,0	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	-	-	-	2,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m²	-	-	-	-	-	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	1,0	2,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	2,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	-	2,0
Nida CD60 profile	lm	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9
Nida UD27 profile	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida WON 60 rotary nonius hanger [6]	pcs.	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0
Nida WGN top nonius hanger	pcs.	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0
Siniat FAST-PIN nonius hanger pin	pcs.	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0
Nida LPJ 60 single-sided crosswise connector	pcs.	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4
Nida LW60 lengthwise connector	pcs.	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Steel anchoring element [7]	pcs.	1,6	1,6	1,6	1,6	1,6	1,6	1,6	1,6	1,6	1,6	1,6
Nida 3.5x25 mm sheet metal screws	pcs.	6,0	6,0	6,0	6,0	6,0	-	-	6,0	6,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	18,0	18,0	18,0	18,0	18,0	-	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	18,0	18,0	-	-
FixDens 4.2 x 25 mm screws	pcs.	-	-	-	-	-	6,0	-	-	-	6,0	-
FixDens 4.2 x 42 mm screws	pcs.	-	-	-	-	-	18,0	-	-	-	-	-
FixDens 4.2 x 60 mm screws	pcs.	-	-	-	-	-	-	-	-	-	18,0	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	-	6,0	-	-	-	6,0
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	-	-	18,0	-	-	-	18,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,6	0,6	0,6	0,6	0,6	-	-	0,6	0,6	-	-
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1	0,1	-	-	0,1	0,1	-	-
Nida Hydromix ready-to-use joint filler [8]	kg	-	-	-	-	-	0,7	0,7	-	-	0,7	0,7
Mineral wool [9]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[6] Can be replaced with the reinforced bottom nonius hanger.
[7] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[8] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[9] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

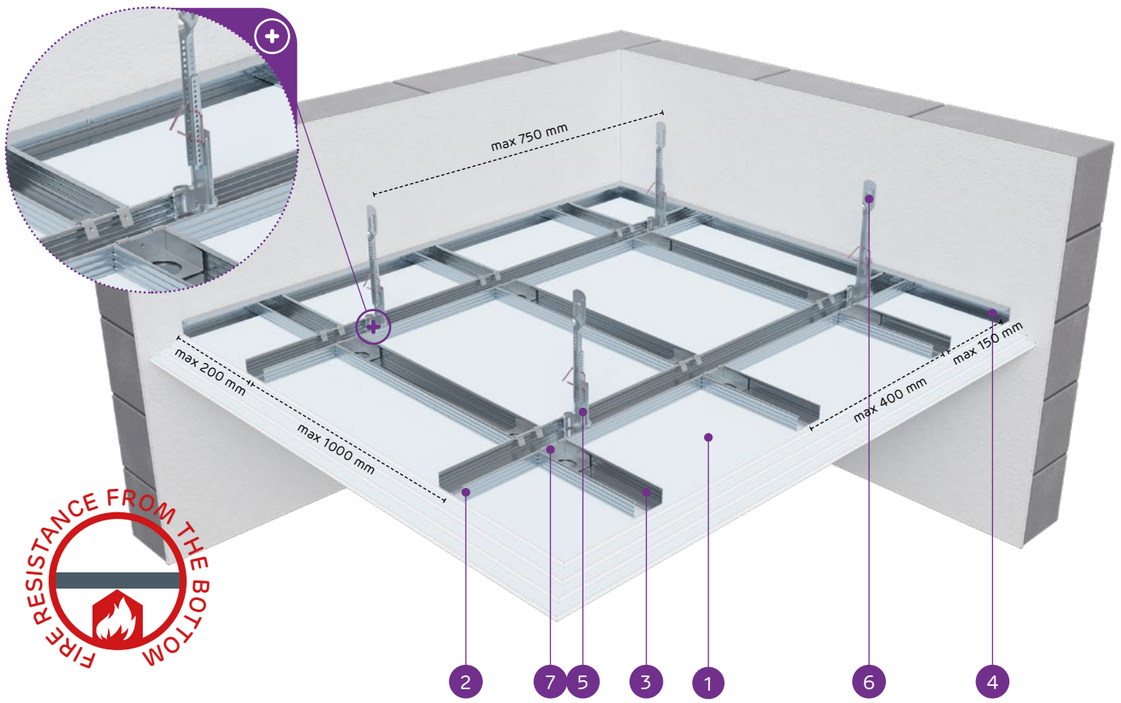
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
(R)EI60 (R)EI90 (R)EI120	75 kg/m²	217,5 mm	32,7-64,3 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0024/15.11.2016

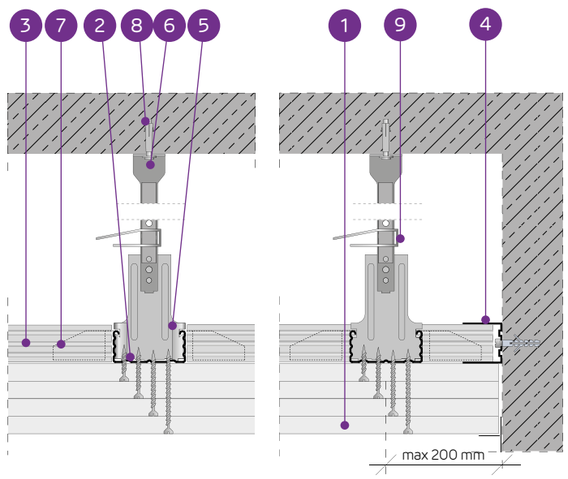
SYSTEMS:

JK/WON/CD60-37,5; JK/WON/CD60-40; JK/WON/CD60-55; JK/WON/CD60-60



MATERIALS:

1. Nida plasterboard
2. Nida CD 60 main profile
3. Nida CD 60 load-bearing profile
4. Nida UD 27 profile
5. Nida WON 60 bottom rotary nonius hanger
6. Nida WGN top nonius hanger
7. Nida LPJ 60 single-sided crosswise connector, or Nida LPP 60 double connector
8. Steel anchoring element
9. Siniat FAST-PIN nonius hanger pin



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

etex inspiring ways of living

Promat

POLSKI GIPS

KONFEDERACJA BUDOWNICTWA I NIERUCHOMOŚCI

THE SYSTEM OF THE SUSPENDED CEILINGS ON THE SINGLE-LEVEL NIDA CD60 (NIDA WON60) LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure				Plasterboard sheathing		Min. suspension height	Weight of 1m² of encase-ment	Fire resistance class	Max. load of Nida ceiling		Resistance to impact [3]
	Type of Nida profile	Max. spacing of the Nida CD60 main profiles	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the Nida suspension elements	Nida	Thickness				Without fire resistance [1]	With fire resistance [2]	
		[mm]	[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
JK/WON/CD60-37,5/Ogień+	CD60/CD60	1000	400	750	Ogień Plus	3x12,5	217,5	32,7	(R)EI60	65	7,5	1A
JK/WON/CD60-37,5/WodaOgień+	CD60/CD60	1000	400	750	Woda Ogień Plus	3x12,5	217,5	32,7	(R)EI60	65	7,5	1A
JK/WON/CD60-37,5/Twarda	CD60/CD60	1000	400	750	Twarda	3x12,5	217,5	41,1	(R)EI60	65	7,5	1A
JK/WON/CD60-37,5/Hydro	CD60/CD60	1000	400	750	Hydro	3x12,5	217,5	35,1	(R)EI60	65	7,5	1A
JK/WON/CD60-40/Ogień+	CD60/CD60	850	400	750	Ogień Plus	2x12,5+15,0	220	36,2	(R)EI90	65	7,5	1A
JK/WON/CD60-40/Twarda	CD60/CD60	850	400	750	Twarda	2x12,5+15,0	220	43,7	(R)EI90	65	7,5	1A
JK/WON/CD60-40/Hydro	CD60/CD60	850	400	750	Hydro	2x12,5+15,0	220	37,8	(R)EI90	65	7,5	1A
JK/WON/CD60-55/Ogień+	CD60/CD60	650	400	650	Ogień Plus	2x12,5+2x15,0	240	49,7	(R)EI120	75	7,5	1A
JK/WON/CD60-60/Ogień+	CD60/CD60	650	400	650	Ogień Plus	4x15,0	240	56,7	(R)EI120	75	7,5	1A
JK/WON/CD60-60/Twarda	CD60/CD60	650	400	650	Twarda	4x15,0	240	64,3	(R)EI120	75	7,5	1A
JK/WON/CD60-60/Hydro	CD60/CD60	650	400	650	Hydro	4x15,0	240	56,7	(R)EI120	75	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name										
		JK/WON/CD60-37,5/Ogień+	JK/WON/CD60-37,5/WodaOgień+	JK/WON/CD60-37,5/Twarda	JK/WON/CD60-37,5/Hydro	JK/WON/CD60-40/Ogień+	JK/WON/CD60-40/Twarda	JK/WON/CD60-40/Hydro	JK/WON/CD60-55/Ogień+	JK/WON/CD60-60/Ogień+	JK/WON/CD60-60/Twarda	JK/WON/CD60-60/Hydro
		Consumption of material per 1m²										
Nida Ogień Plus 12.5 mm plasterboard	m²	3,0	-	-	-	2,0	-	-	2,0	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	3,0	-	-	-	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	3,0	-	-	2,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m²	-	-	-	3,0	-	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	1,0	-	-	2,0	4,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	1,0	-	-	-	4,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	1,0	-	-	-	4,0
Nida CD60 profile	lm	2,9	2,9	2,9	2,9	3,2	3,2	3,2	3,6	3,6	3,6	3,6
Nida UD27 profile	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida WON 60 rotary nonius hanger [4]	pcs.	1,2	1,2	1,2	1,2	1,6	1,6	1,6	2,4	2,4	2,4	2,4
Nida WGN top nonius hanger	pcs.	1,2	1,2	1,2	1,2	1,6	1,6	1,6	2,4	2,4	2,4	2,4
Siniat FAST-PIN nonius hanger pin	pcs.	1,2	1,2	1,2	1,2	1,6	1,6	1,6	2,4	2,4	2,4	2,4
Nida LPJ 60 single-sided crosswise connector	pcs.	3,4	3,4	3,4	3,4	4,8	4,8	4,8	6,2	6,2	6,2	6,2
Nida LW60 lengthwise connector	pcs.	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Steel anchoring element [5]	pcs.	1,9	1,9	1,9	1,9	2,2	2,2	2,2	3,0	3,0	3,0	3,0
Nida 3.5x25 mm sheet metal screws	pcs.	6,0	6,0	-	-	6,0	-	-	6,0	6,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	6,0	6,0	-	-	6,0	-	-	6,0	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	6,0	-	-
Nida 3.5x55 mm sheet metal screws	pcs.	18,0	18,0	-	-	18,0	-	-	6,0	6,0	-	-
Nida 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	18,0	18,0	-	-
FixDens 4.2 x 25 mm screws	pcs.	-	-	6,0	-	-	6,0	-	-	-	6,0	-
FixDens 4.2 x 42 mm screws	pcs.	-	-	6,0	-	-	6,0	-	-	-	6,0	-
FixDens 4.2 x 60 mm screws	pcs.	-	-	18,0	-	-	18,0	-	-	-	6,0	-
FixDens 4.5 x 80 mm screws	pcs.	-	-	-	-	-	-	-	-	-	18,0	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	6,0	-	-	6,0	-	-	-	6,0
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	6,0	-	-	6,0	-	-	-	6,0
Nida Hydro C5 3.5x55 mm sheet metal screws	pcs.	-	-	-	18,0	-	-	18,0	-	-	-	6,0
Nida Hydro C5 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	-	-	18,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,9	0,9	-	-	0,9	-	-	1,2	1,2	-	-
Nida Finish gypsum putty	kg	0,1	0,1	-	-	0,1	-	-	0,1	0,1	-	-
Nida Hydromix ready-to-use joint filler [6]	kg	-	-	1,0	1,0	-	1,0	1,0	-	-	1,3	1,3
Mineral wool [7]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[4] Can be replaced with the reinforced bottom nonius hanger.
[5] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[6] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[7] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

www.siniat.pl

Nida systems search engine
www.systemynida.pl

Calculator of the Nida systems
www.siniat.pl/kalkulatory

Follow us on:

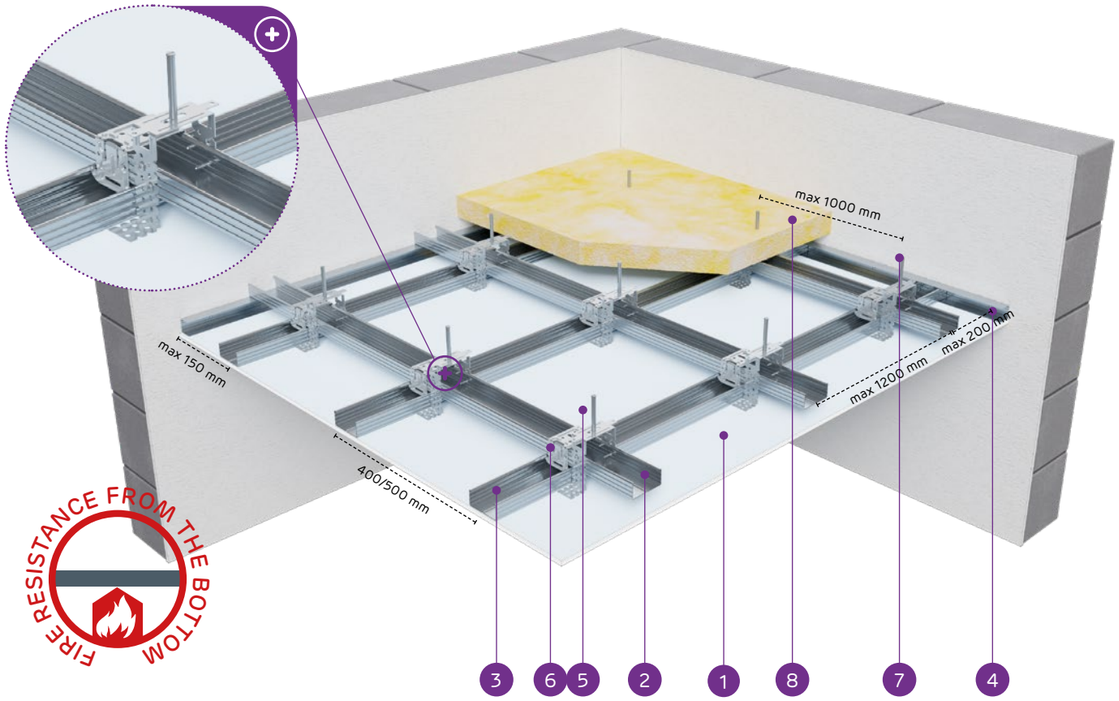
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
(R)EI20 (R)EI30	36 kg/m²	82,5 mm	10,9-18,1 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0025/15.11.2016

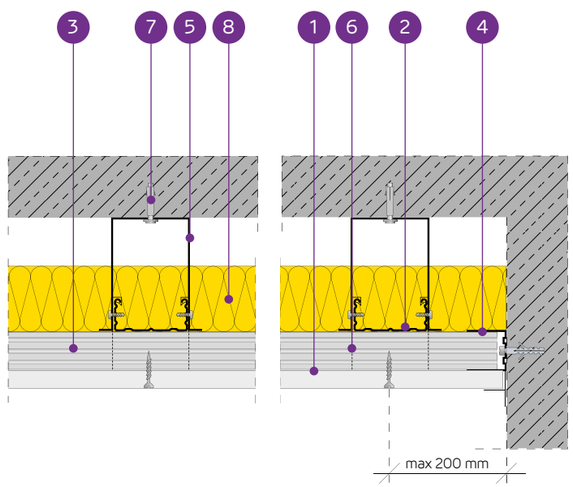
SYSTEMS:

DK/ES/CD60-12,5; DK/ES/CD60-15; DK/ES/CD60-18



MATERIALS:

1. Nida plasterboard
2. Nida CD 60 top main profile
3. Nida CD 60 bottom load-bearing profile
4. Nida UD 27 profile
5. Nida ES60 fixing element
6. Nida LK60 cross connector
7. Steel anchoring element
8. Mineral wool (optional)



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

etex inspiring ways of living

Promat

Polski GPS

KONFEDERACJA BUDOWNICTWA I NIERUCHOMOŚCI

THE SYSTEM OF THE SUSPENDED CEILINGS ON THE DOUBLE-LEVEL NIDA CD60 (NIDA ES60) LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure				Plasterboard sheathing		Min. suspension height	Weight of 1m² of encase-ment	Fire resistan-ce class	Max. load of Nida ceiling		Resistance to impact[3]
	Type of Nida profile	Max. spacing of the Nida CD60 main profiles	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the Nida suspension elements	Nida	Thickness				Without fire resistance[1]	With fire resistance[2]	
		[mm]	[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
DK/ES/CD60-12,5/Expert	CD60/CD60	1200	400/500	1000	Expert	12,5	82,5	10,9	-	20/18	-	1A
DK/ES/CD60-12,5/Woda[4]	CD60/CD60	1200	400/500	1000	Woda	12,5	82,5	11,4	-	20/18	-	1A
DK/ES/CD60-12,5/Ogień+	CD60/CD60	1000	400	900	Ogień Plus	12,5	82,5	12,7	(R)EI20	31	7,5	1A
DK/ES/CD60-12,5/WodaOgień+	CD60/CD60	1000	400	900	Woda Ogień Plus	12,5	82,5	12,7	(R)EI20	31	7,5	1A
DK/ES/CD60-12,5/Twarda	CD60/CD60	1000	400	900	Twarda	12,5	82,5	15,5	(R)EI20	31	7,5	1A
DK/ES/CD60-12,5/Hydro	CD60/CD60	1000	400	900	Hydro	12,5	82,5	13,5	(R)EI20	31	7,5	1A
DK/ES/CD60-15/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	15,0	85	16,2	(R)EI20	36	7,5	1A
DK/ES/CD60-15/Twarda	CD60/CD60	1000	400	850	Twarda	15,0	85	18,1	(R)EI20	36	7,5	1A
DK/ES/CD60-15/Hydro	CD60/CD60	1000	400	850	Hydro	15,0	85	16,2	(R)EI20	36	7,5	1A
DK/ES/CD60-18/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	18,0	88	16,9	(R)EI30	36	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[4] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name									
		DK/ES/CD60-12,5/Expert	DK/ES/CD60-12,5/Woda	DK/ES/CD60-12,5/Ogień+	DK/ES/CD60-12,5/WodaOgień+	DK/ES/CD60-12,5/Twarda	DK/ES/CD60-12,5/Hydro	DK/ES/CD60-15/Ogień+	DK/ES/CD60-15/Twarda	DK/ES/CD60-15/Hydro	DK/ES/CD60-18/Ogień+
		Consumption of material per 1m²									
Nida Expert 12.5 mm plasterboard	m²	1,0	-	-	-	-	-	-	-	-	-
Nida Woda 12.5 mm plasterboard	m²	-	1,0	-	-	-	-	-	-	-	-
Nida Ogień Plus 12.5 mm plasterboard	m²	-	-	1,0	-	-	-	-	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	-	-	1,0	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	-	-	1,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m²	-	-	-	-	-	1,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	1,0	-	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	1,0	-	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	1,0	-
Nida Ogień Plus 18.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	1,0
Nida CD60 profile	lm	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5
Nida UD27 profile	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida ES60 fixing element	pcs.	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2
Nida LK60 cross connector	pcs.	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5
Nida LW60 lengthwise connector	pcs.	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Steel anchoring element[5]	pcs.	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	4,8	4,8	4,8	4,8	4,8	4,8	4,8	4,8	4,8	4,8
Nida 3.5x25 mm sheet metal screws	pcs.	18,0	18,0	18,0	18,0	-	-	18,0	-	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	-	18,0
FixDens 4.2 x 25 mm screws	pcs.	-	-	-	-	18,0	-	-	18,0	-	-
Nida Hydro CS 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	18,0	-	-	18,0	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,3	0,3	0,3	0,3	-	-	0,3	-	-	0,3
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1	-	-	0,1	-	-	0,1
Nida Hydromix ready-to-use joint filler[6]	kg	-	-	-	-	0,4	0,4	-	0,4	0,4	-
Mineral wool[7]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[5] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[6] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[7] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

www.siniat.pl

Nida systems search engine
www.systemynida.pl

Calculator of the Nida systems
www.siniat.pl/kalkulatory

Follow us on:

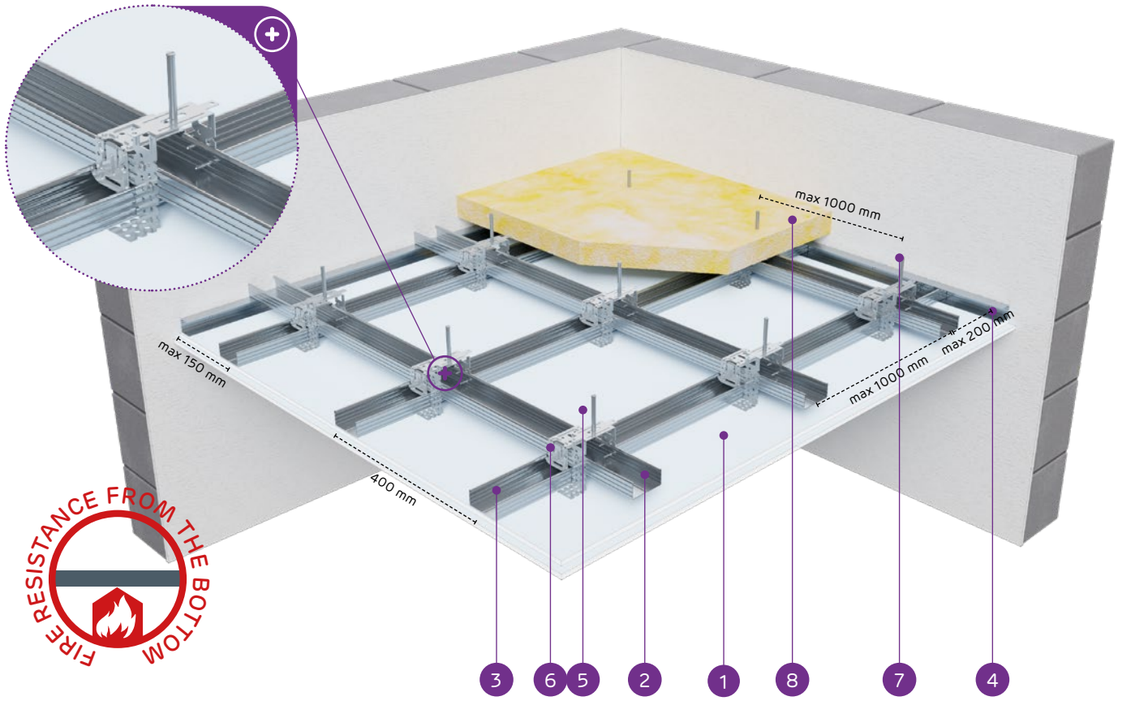
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
(R)EI30 (R)EI45 (R)EI60	36 kg/m²	95 mm	19,1-33,5 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0025/15.11.2016

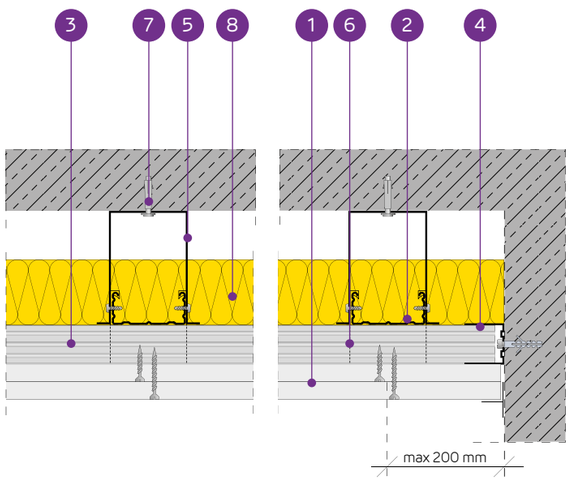
SYSTEMS:

DK/ES/CD60-25; DK/ES/CD60-27,5; DK/ES/CD60-30



MATERIALS:

1. Nida plasterboard
2. Nida CD 60 top main profile
3. Nida CD 60 bottom load-bearing profile
4. Nida UD 27 profile
5. Nida ES60 fixing element
6. Nida LK60 cross connector
7. Steel anchoring element
8. Mineral wool (optional)



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

etex inspiring ways of living

Promat

Polski GIPS

KONFEDERACJA BUDOWNICTWA I NIERUCHOMOŚCI

THE SYSTEM OF THE SUSPENDED CEILINGS ON THE DOUBLE-LEVEL NIDA CD60 (NIDA ES60) LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure				Plasterboard sheathing		Min. suspension height	Weight of 1m² of encasement	Fire resistance class	Max. load of Nida ceiling		Resistance to impact [3]
	Type of Nida profile	Max. spacing of the Nida CD60 main profiles	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the Nida suspension elements	Nida	Thickness				Without fire resistance [1]	With fire resistance [2]	
		[mm]	[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
DK/ES/CD60-25/Expert	CD60/CD60	1000	400	1000	Expert	2x12,5	95	19,1	-	24	-	1A
DK/ES/CD60-25/Woda [4]	CD60/CD60	1000	400	900	Woda	2x12,5	95	20,1	-	31	-	1A
DK/ES/CD60-25/OgieńTypF	CD60/CD60	1000	400	850	Ogień Typ F	2x12,5	95	19,9	(R)EI30	36	13,3	1A
DK/ES/CD60-25/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	2x12,5	95	22,7	(R)EI45	36	7,5	1A
DK/ES/CD60-25/WodaOgień+	CD60/CD60	1000	400	850	Woda Ogień Plus	2x12,5	95	22,7	(R)EI45	36	7,5	1A
DK/ES/CD60-25/Twarda	CD60/CD60	1000	400	850	Twarda	2x12,5	95	28,3	(R)EI45	36	7,5	1A
DK/ES/CD60-25/Hydro	CD60/CD60	1000	400	850	Hydro	2x12,5	95	24,3	(R)EI45	36	7,5	1A
DK/ES/CD60-27,5/Ogień+ [5]	CD60/CD60	1000	400	850	Ogień Plus	1x12,5+15,0	97,5	27,0	(R)EI60	36	7,5	1A
DK/ES/CD60-30/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	2x15,0	100	29,7	(R)EI60	36	7,5	1A
DK/ES/CD60-30/Twarda	CD60/CD60	1000	400	850	Twarda	2x15,0	100	33,5	(R)EI60	36	7,5	1A
DK/ES/CD60-30/Hydro	CD60/CD60	1000	400	850	Hydro	2x15,0	100	29,7	(R)EI60	36	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[4] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).
[5] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name										
		DK/ES/CD60-25/Expert	DK/ES/CD60-25/Woda	DK/ES/CD60-25/OgieńTypF	DK/ES/CD60-25/Ogień+	DK/ES/CD60-25/WodaOgień+	DK/ES/CD60-25/Twarda	DK/ES/CD60-25/Hydro	DK/ES/CD60-27,5/Ogień+	DK/ES/CD60-30/Ogień+	DK/ES/CD60-30/Twarda	DK/ES/CD60-30/Hydro
		Consumption of material per 1m²										
Nida Expert 12.5 mm plasterboard	m²	2,0	-	-	-	-	-	-	-	-	-	-
Nida Woda 12.5 mm plasterboard	m²	-	2,0	-	-	-	-	-	-	-	-	-
Nida Ogień Type F 12.5 mm plasterboard	m²	-	-	2,0	-	-	-	-	-	-	-	-
Nida Ogień Plus 12.5 mm plasterboard	m²	-	-	-	2,0	-	-	-	1,0	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	-	-	-	2,0	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	-	-	-	2,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m²	-	-	-	-	-	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	1,0	2,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	2,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	-	2,0
Nida CD60 profile	lm	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5
Nida UD27 profile	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida ES60 fixing element	pcs.	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2
Nida LK60 cross connector	pcs.	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5
Nida LW60 lengthwise connector	pcs.	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Steel anchoring element [6]	pcs.	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	4,8	4,8	4,8	4,8	4,8	4,8	4,8	4,8	4,8	4,8	4,8
Nida 3.5x25 mm sheet metal screws	pcs.	6,0	6,0	6,0	6,0	6,0	-	-	6,0	6,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	18,0	18,0	18,0	18,0	18,0	-	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	18,0	18,0	-	-
FixDens 4.2 x 25 mm screws	pcs.	-	-	-	-	-	6,0	-	-	-	6,0	-
FixDens 4.2 x 42 mm screws	pcs.	-	-	-	-	-	18,0	-	-	-	-	-
FixDens 4.2 x 60 mm screws	pcs.	-	-	-	-	-	-	-	-	-	18,0	-
Nida Hydro CS 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	-	6,0	-	-	-	6,0
Nida Hydro CS 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	-	-	18,0	-	-	-	18,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,6	0,6	0,6	0,6	0,6	-	-	0,6	0,6	-	-
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1	0,1	-	-	0,1	0,1	-	-
Nida Hydromix ready-to-use joint filler [7]	kg	-	-	-	-	-	0,7	0,7	-	-	0,7	0,7
Mineral wool [8]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[6] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[7] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[8] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

www.siniat.pl

Nida systems search engine
www.systemynida.pl

Calculator of the Nida systems
www.siniat.pl/kalkulatory

Follow us on:

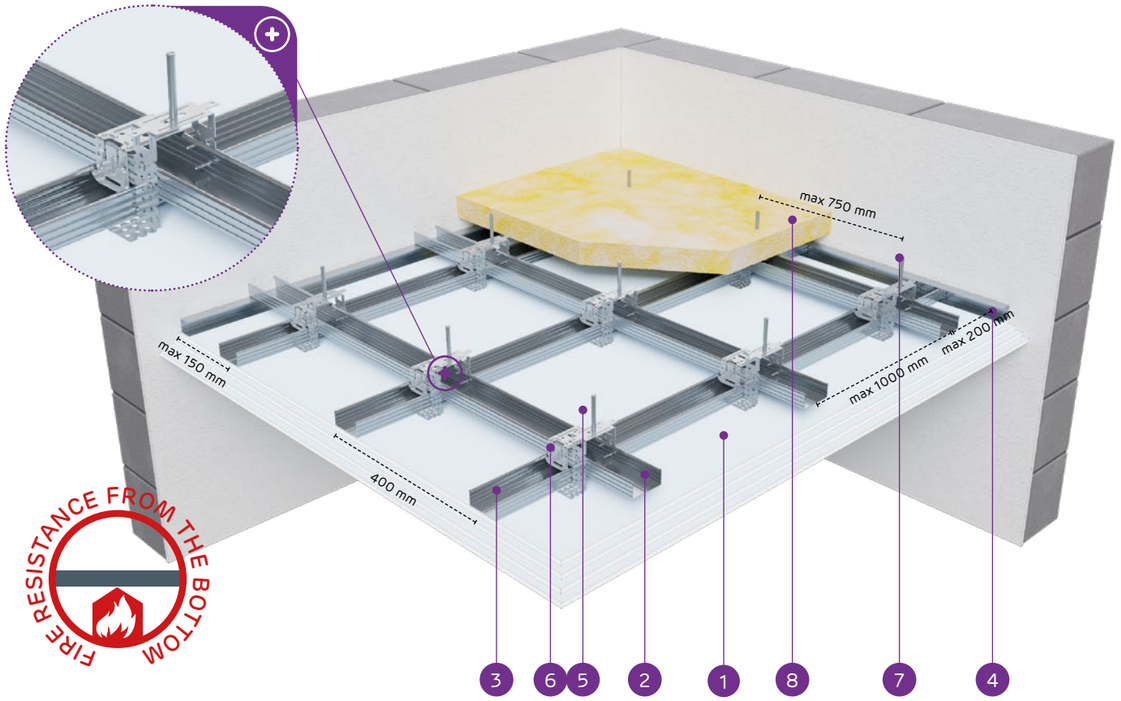
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
(R)EI60 (R)EI90 (R)EI120	87 kg/m²	107,5 mm	32,7-64,3 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0025/15.11.2016

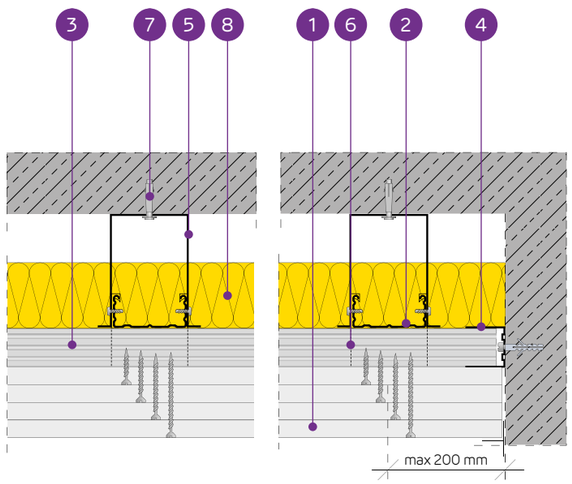
SYSTEMS:

DK/ES/CD60- 37,5; DK/ES/CD60-40; DK/ES/CD60-55; DK/ES/CD60-60



MATERIALS:

1. Nida plasterboard
2. Nida CD 60 top main profile
3. Nida CD 60 bottom load-bearing profile
4. Nida UD 27 profile
5. Nida ES60 fixing element
6. Nida LK60 cross connector
7. Steel anchoring element
8. Mineral wool (optional)



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

etex inspiring ways of living

Promat

POLSKI GIPS

KONFEDERACJA BUDOWNICTWA I NIERUCHOMOŚCI

THE SYSTEM OF THE SUSPENDED CEILINGS ON THE DOUBLE-LEVEL NIDA CD60 (NIDA ES60) LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure				Plasterboard sheathing		Min. suspension height	Weight of 1m² of encase-ment	Fire resistan-ce class	Max. load of Nida ceiling		Resistance to impact [3]
	Type of Nida profile	Max. spacing of the Nida CD60 main profiles	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the Nida suspension elements	Nida	Thickness				Without fire resistance [1]	With fire resistance [2]	
		[mm]	[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
DK/ES/CD60-37,5/Ogień+	CD60/CD60	1000	400	750	Ogień Plus	3x12,5	107,5	32,7	(R)EI60	49	7,5	1A
DK/ES/CD60-37,5/WodaOgień+	CD60/CD60	1000	400	750	Woda Ogień Plus	3x12,5	107,5	32,7	(R)EI60	49	7,5	1A
DK/ES/CD60-37,5/Twarda	CD60/CD60	1000	400	750	Twarda	3x12,5	107,5	41,1	(R)EI60	49	7,5	1A
DK/ES/CD60-37,5/Hydro	CD60/CD60	1000	400	750	Hydro	3x12,5	107,5	35,1	(R)EI60	49	7,5	1A
DK/ES/CD60-40/Ogień+	CD60/CD60	850	400	750	Ogień Plus	2x12,5+15,0	110	36,2	(R)EI90	58	7,5	1A
DK/ES/CD60-40/Twarda	CD60/CD60	850	400	750	Twarda	2x12,5+15,0	110	43,7	(R)EI90	58	7,5	1A
DK/ES/CD60-40/Hydro	CD60/CD60	850	400	750	Hydro	2x12,5+15,0	110	37,8	(R)EI90	58	7,5	1A
DK/ES/CD60-55/Ogień+	CD60/CD60	650	400	650	Ogień Plus	2x12,5+2x15,0	130	49,7	(R)EI120	87	7,5	1A
DK/ES/CD60-60/Ogień+	CD60/CD60	650	400	650	Ogień Plus	4x15,0	130	56,7	(R)EI120	87	7,5	1A
DK/ES/CD60-60/Twarda	CD60/CD60	650	400	650	Twarda	4x15,0	130	64,3	(R)EI120	87	7,5	1A
DK/ES/CD60-60/Hydro	CD60/CD60	650	400	650	Hydro	4x15,0	130	56,7	(R)EI120	87	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name										
		DK/ES/CD60-37,5/Ogień+	DK/ES/CD60-37,5/WodaOgień+	DK/ES/CD60-37,5/Twarda	DK/ES/CD60-37,5/Hydro	DK/ES/CD60-40/Ogień+	DK/ES/CD60-40/Twarda	DK/ES/CD60-40/Hydro	DK/ES/CD60-55/Ogień+	DK/ES/CD60-60/Ogień+	DK/ES/CD60-60/Twarda	DK/ES/CD60-60/Hydro
		Consumption of material per 1m²										
Nida Ogień Plus 12.5 mm plasterboard	m²	3,0	-	-	-	2,0	-	-	2,0	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	3,0	-	-	-	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	3,0	-	-	2,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m²	-	-	-	3,0	-	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	1,0	-	-	2,0	4,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	1,0	-	-	-	4,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	1,0	-	-	-	4,0
Nida CD60 profile	lm	3,5	3,5	3,5	3,5	3,7	3,7	3,7	4,1	4,1	4,1	4,1
Nida UD27 profile	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida ES60 fixing element	pcs.	1,4	1,4	1,4	1,4	1,6	1,6	1,6	2,4	2,4	2,4	2,4
Nida LK60 cross connector	pcs.	2,5	2,5	2,5	2,5	3,0	3,0	3,0	3,9	3,9	3,9	3,9
Nida LW60 lengthwise connector	pcs.	0,9	0,9	0,9	0,9	0,9	0,9	0,9	1,0	1,0	1,0	1,0
Steel anchoring element [4]	pcs.	2,0	2,0	2,0	2,0	2,2	2,2	2,2	3,0	3,0	3,0	3,0
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	5,6	5,6	5,6	5,6	6,4	6,4	6,4	9,6	9,6	9,6	9,6
Nida 3.5x25 mm sheet metal screws	pcs.	6,0	6,0	-	-	6,0	-	-	6,0	6,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	6,0	6,0	-	-	6,0	-	-	6,0	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	6,0	-	-
Nida 3.5x55 mm sheet metal screws	pcs.	18,0	18,0	-	-	18,0	-	-	6,0	6,0	-	-
Nida 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	18,0	18,0	-	-
FixDens 4.2 x 25 mm screws	pcs.	-	-	6,0	-	-	6,0	-	-	-	6,0	-
FixDens 4.2 x 42 mm screws	pcs.	-	-	6,0	-	-	6,0	-	-	-	6,0	-
FixDens 4.2 x 60 mm screws	pcs.	-	-	18,0	-	-	18,0	-	-	-	6,0	-
FixDens 4.5 x 80 mm screws	pcs.	-	-	-	-	-	-	-	-	-	18,0	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	6,0	-	-	6,0	-	-	-	6,0
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	6,0	-	-	6,0	-	-	-	6,0
Nida Hydro C5 3.5x55 mm sheet metal screws	pcs.	-	-	-	18,0	-	-	18,0	-	-	-	6,0
Nida Hydro C5 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	-	-	18,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,9	0,9	-	-	0,9	-	-	1,2	1,2	-	-
Nida Finish gypsum putty	kg	0,1	0,1	-	-	0,1	-	-	0,1	0,1	-	-
Nida Hydromix ready-to-use joint filler [5]	kg	-	-	1,0	1,0	-	1,0	1,0	-	-	1,3	1,3
Mineral wool [6]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[4] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[5] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[6] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

www.siniat.pl

Nida systems search engine
www.systemynida.pl

Calculator of the Nida systems
www.siniat.pl/kalkulatory

Follow us on:

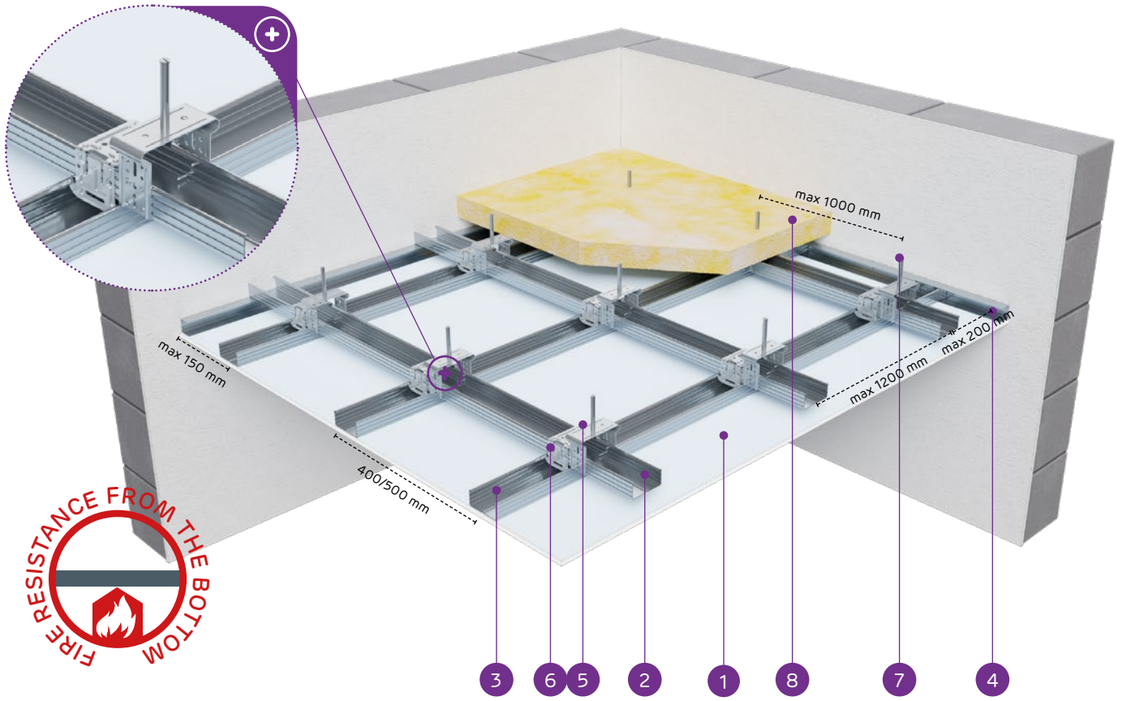
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
(R)EI20 (R)EI30	36 kg/m²	102,5 mm	10,9-18,1 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0025/15.11.2016

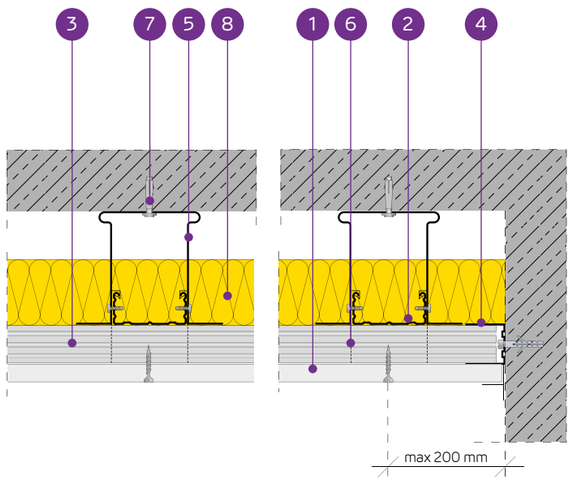
SYSTEMS:

DK/EL/CD60-12,5; DK/EL/CD60-15; DK/EL/CD60-18



MATERIALS:

1. Nida plasterboard
2. Nida CD 60 top main profile
3. Nida CD 60 bottom load-bearing profile
4. Nida UD 27 profile
5. Nida EL60 fixing element
6. Nida LK60 cross connector
7. Steel anchoring element
8. Mineral wool (optional)



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

etex inspiring ways of living

Promat

Polski GPS

KONFEDERACJA BUDOWNICTWA I NIERUCHOMOŚCI

THE SYSTEM OF THE SUSPENDED CEILINGS ON THE DOUBLE-LEVEL NIDA CD60 (NIDA EL60) LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure				Plasterboard sheathing		Min. suspension height	Weight of 1m² of encasement	Fire resistance class	Max. load of Nida ceiling		Resistance to impact[3]
	Type of Nida profile	Max. spacing of the Nida CD60 main profiles	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the Nida suspension elements	Nida	Thickness				Without fire resistance[1]	With fire resistance[2]	
		[mm]	[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
DK/EL/CD60-12,5/Expert	CD60/CD60	1200	400/500	1000	Expert	12,5	102,5	10,9	-	20/18	-	1A
DK/EL/CD60-12,5/Woda[4]	CD60/CD60	1200	400/500	1000	Woda	12,5	102,5	11,4	-	20/18	-	1A
DK/EL/CD60-12,5/Ogień+	CD60/CD60	1000	400	900	Ogień Plus	12,5	102,5	12,7	(R)EI20	31	7,5	1A
DK/EL/CD60-12,5/WodaOgień+	CD60/CD60	1000	400	900	Woda Ogień Plus	12,5	102,5	12,7	(R)EI20	31	7,5	1A
DK/EL/CD60-12,5/Twarda	CD60/CD60	1000	400	900	Twarda	12,5	102,5	15,5	(R)EI20	31	7,5	1A
DK/EL/CD60-12,5/Hydro	CD60/CD60	1000	400	900	Hydro	12,5	102,5	13,5	(R)EI20	31	7,5	1A
DK/EL/CD60-15/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	15,0	105	16,2	(R)EI20	36	7,5	1A
DK/EL/CD60-15/Twarda	CD60/CD60	1000	400	850	Twarda	15,0	105	18,1	(R)EI20	36	7,5	1A
DK/EL/CD60-15/Hydro	CD60/CD60	1000	400	850	Hydro	15,0	105	16,2	(R)EI20	36	7,5	1A
DK/EL/CD60-18/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	18,0	108	16,9	(R)EI30	36	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[4] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name									
		DK/EL/CD60-12,5/Expert	DK/EL/CD60-12,5/Woda	DK/EL/CD60-12,5/Ogień+	DK/EL/CD60-12,5/WodaOgień+	DK/EL/CD60-12,5/Twarda	DK/EL/CD60-12,5/Hydro	DK/EL/CD60-15/Ogień+	DK/EL/CD60-15/Twarda	DK/EL/CD60-15/Hydro	DK/EL/CD60-18/Ogień+
		Consumption of material per 1m²									
Nida Expert 12.5 mm plasterboard	m²	1,0	-	-	-	-	-	-	-	-	-
Nida Woda 12.5 mm plasterboard	m²	-	1,0	-	-	-	-	-	-	-	-
Nida Ogień Plus 12.5 mm plasterboard	m²	-	-	1,0	-	-	-	-	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	-	-	1,0	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	-	-	1,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m²	-	-	-	-	-	1,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	1,0	-	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	1,0	-	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	1,0	-
Nida Ogień Plus 18.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	1,0
Nida CD60 profile	lm	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5
Nida UD27 profile	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida EL60 fixing element	pcs.	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2
Nida LK60 cross connector	pcs.	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5
Nida LW60 lengthwise connector	pcs.	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Steel anchoring element[5]	pcs.	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	4,8	4,8	4,8	4,8	4,8	4,8	4,8	4,8	4,8	4,8
Nida 3.5x25 mm sheet metal screws	pcs.	18,0	18,0	18,0	18,0	-	-	18,0	-	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	-	18,0
FixDens 4.2 x 25 mm screws	pcs.	-	-	-	-	18,0	-	-	18,0	-	-
Nida Hydro CS 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	18,0	-	-	18,0	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,3	0,3	0,3	0,3	-	-	0,3	-	-	0,3
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1	-	-	0,1	-	-	0,1
Nida Hydromix ready-to-use joint filler[6]	kg	-	-	-	-	0,4	0,4	-	0,4	0,4	-
Mineral wool[7]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[5] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[6] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[7] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

www.siniat.pl

Nida systems search engine
www.systemynida.pl

Calculator of the Nida systems
www.siniat.pl/kalkulatory

Follow us on:

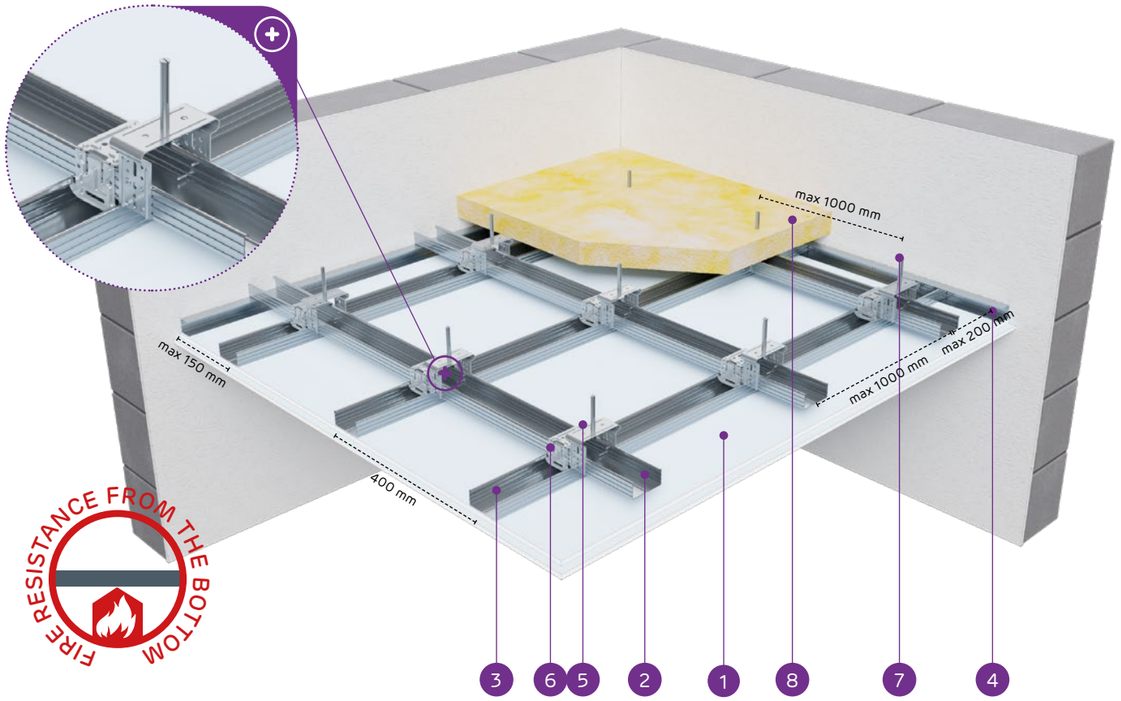
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
(R)EI30 (R)EI45 (R)EI60	36 kg/m²	115 mm	19,1-33,5 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0025/15.11.2016

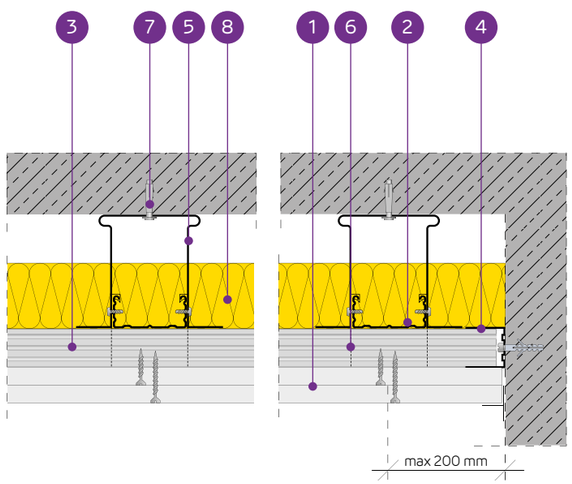
SYSTEMS:

DK/EL/CD60-25; DK/EL/CD60-27,5; DK/EL/CD60-30



MATERIALS:

1. Nida plasterboard
2. Nida CD 60 top main profile
3. Nida CD 60 bottom load-bearing profile
4. Nida UD 27 profile
5. Nida EL60 fixing element
6. Nida LK60 cross connector
7. Steel anchoring element
8. Mineral wool (optional)



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

etex inspiring ways of living

Promat

KONFEDERACJA BUDOWNICTWA I NIERUCHOMOŚCI

THE SYSTEM OF THE SUSPENDED CEILINGS ON THE DOUBLE-LEVEL NIDA CD60 (NIDA EL60) LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure				Plasterboard sheathing		Min. suspension height	Weight of 1m² of encasement	Fire resistance class	Max. load of Nida ceiling		Resistance to impact[3]
	Type of Nida profile	Max. spacing of the Nida CD60 main profiles	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the Nida suspension elements	Nida	Thickness				Without fire resistance[1]	With fire resistance[2]	
		[mm]	[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
DK/EL/CD60-25/Expert	CD60/CD60	1000	400	1000	Expert	2x12,5	115	19,1	-	24	-	1A
DK/EL/CD60-25/Woda[4]	CD60/CD60	1000	400	900	Woda	2x12,5	115	20,1	-	31	-	1A
DK/EL/CD60-25/OgieńTypF	CD60/CD60	1000	400	850	Ogień Typ F	2x12,5	115	19,9	(R)EI30	36	13,3	1A
DK/EL/CD60-25/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	2x12,5	115	22,7	(R)EI45	36	7,5	1A
DK/EL/CD60-25/WodaOgień+	CD60/CD60	1000	400	850	Woda Ogień Plus	2x12,5	115	22,7	(R)EI45	36	7,5	1A
DK/EL/CD60-25/Twarda	CD60/CD60	1000	400	850	Twarda	2x12,5	115	28,3	(R)EI45	36	7,5	1A
DK/EL/CD60-25/Hydro	CD60/CD60	1000	400	850	Hydro	2x12,5	115	24,3	(R)EI45	36	7,5	1A
DK/EL/CD60-27,5/Ogień+[5]	CD60/CD60	1000	400	850	Ogień Plus	1x12,5+15,0	117,5	27,0	(R)EI60	36	7,5	1A
DK/EL/CD60-30/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	2x15,0	120	29,7	(R)EI60	36	7,5	1A
DK/EL/CD60-30/Twarda	CD60/CD60	1000	400	850	Twarda	2x15,0	120	33,5	(R)EI60	36	7,5	1A
DK/EL/CD60-30/Hydro	CD60/CD60	1000	400	850	Hydro	2x15,0	120	29,7	(R)EI60	36	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[4] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).
[5] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name										
		DK/EL/CD60-25/Expert	DK/EL/CD60-25/Woda	DK/EL/CD60-25/OgieńTypF	DK/EL/CD60-25/Ogień+	DK/EL/CD60-25/WodaOgień+	DK/EL/CD60-25/Twarda	DK/EL/CD60-25/Hydro	DK/EL/CD60-27,5/Ogień+	DK/EL/CD60-30/Ogień+	DK/EL/CD60-30/Twarda	DK/EL/CD60-30/Hydro
		Consumption of material per 1m²										
Nida Expert 12.5 mm plasterboard	m²	2,0	-	-	-	-	-	-	-	-	-	-
Nida Woda 12.5 mm plasterboard	m²	-	2,0	-	-	-	-	-	-	-	-	-
Nida Ogień Type F 12.5 mm plasterboard	m²	-	-	2,0	-	-	-	-	-	-	-	-
Nida Ogień Plus 12.5 mm plasterboard	m²	-	-	-	2,0	-	-	-	1,0	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	-	-	-	2,0	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	-	-	-	2,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m²	-	-	-	-	-	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	1,0	2,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	2,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	-	2,0
Nida CD60 profile	lm	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5
Nida UD27 profile	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida EL60 fixing element	pcs.	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2
Nida LK60 cross connector	pcs.	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5
Nida LW60 lengthwise connector	pcs.	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Steel anchoring element[6]	pcs.	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	4,8	4,8	4,8	4,8	4,8	4,8	4,8	4,8	4,8	4,8	4,8
Nida 3.5x25 mm sheet metal screws	pcs.	6,0	6,0	6,0	6,0	6,0	-	-	6,0	6,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	18,0	18,0	18,0	18,0	18,0	-	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	18,0	18,0	-	-
FixDens 4.2 x 25 mm screws	pcs.	-	-	-	-	-	6,0	-	-	-	6,0	-
FixDens 4.2 x 42 mm screws	pcs.	-	-	-	-	-	18,0	-	-	-	-	-
FixDens 4.2 x 60 mm screws	pcs.	-	-	-	-	-	-	-	-	-	18,0	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	-	6,0	-	-	-	6,0
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	-	-	18,0	-	-	-	18,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,6	0,6	0,6	0,6	0,6	-	-	0,6	0,6	-	-
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1	0,1	-	-	0,1	0,1	-	-
Nida Hydromix ready-to-use joint filler[7]	kg	-	-	-	-	-	0,7	0,7	-	-	0,7	0,7
Mineral wool[8]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[6] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[7] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[8] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

www.siniat.pl

Nida systems search engine
www.systemynida.pl

Calculator of the Nida systems
www.siniat.pl/kalkulatory

Follow us on:

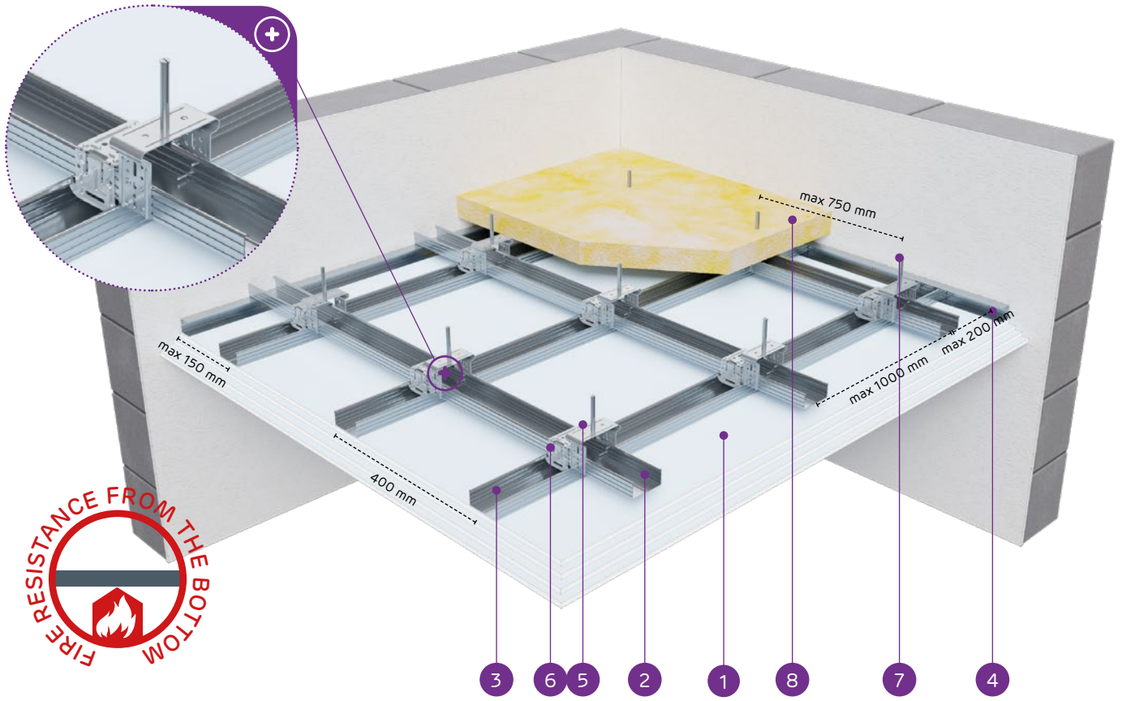
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
(R)EI60 (R)EI90 (R)EI120	87 kg/m²	127,5 mm	32,7-64,3 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0025/15.11.2016

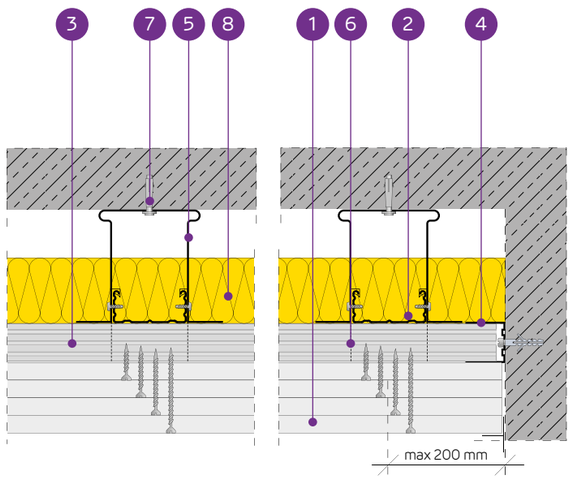
SYSTEMS:

DK/EL/CD60-37,5; DK/EL/CD60-40; DK/EL/CD60-55; DK/EL/CD60-60



MATERIALS:

1. Nida plasterboard
2. Nida CD 60 top main profile
3. Nida CD 60 bottom load-bearing profile
4. Nida UD 27 profile
5. Nida EL60 fixing element
6. Nida LK60 cross connector
7. Steel anchoring element
8. Mineral wool (optional)



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

etex inspiring ways of living

Promat

POLSKI GIPS

KONFEDERACJA BUDOWNICTWA I NIERUCHOMOŚCI

THE SYSTEM OF THE SUSPENDED CEILINGS ON THE DOUBLE-LEVEL NIDA CD60 (NIDA EL60) LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure				Plasterboard sheathing		Min. suspension height	Weight of 1m² of encase-ment	Fire resistance class	Max. load of Nida ceiling		Resistance to impact [3]
	Type of Nida profile	Max. spacing of the Nida CD60 main profiles	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the Nida suspension elements	Nida	Thickness				Without fire resistance [1]	With fire resistance [2]	
		[mm]	[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
DK/EL/CD60-37,5/Ogień+	CD60/CD60	1000	400	750	Ogień Plus	3x12,5	127,5	32,7	(R)EI60	49	7,5	1A
DK/EL/CD60-37,5/WodaOgień+	CD60/CD60	1000	400	750	Woda Ogień Plus	3x12,5	127,5	32,7	(R)EI60	49	7,5	1A
DK/EL/CD60-37,5/Twarda	CD60/CD60	1000	400	750	Twarda	3x12,5	127,5	41,1	(R)EI60	49	7,5	1A
DK/EL/CD60-37,5/Hydro	CD60/CD60	1000	400	750	Hydro	3x12,5	127,5	35,1	(R)EI60	49	7,5	1A
DK/EL/CD60-40/Ogień+	CD60/CD60	850	400	750	Ogień Plus	2x12,5+15,0	130	36,2	(R)EI90	58	7,5	1A
DK/EL/CD60-40/Twarda	CD60/CD60	850	400	750	Twarda	2x12,5+15,0	130	43,7	(R)EI90	58	7,5	1A
DK/EL/CD60-40/Hydro	CD60/CD60	850	400	750	Hydro	2x12,5+15,0	130	37,8	(R)EI90	58	7,5	1A
DK/EL/CD60-55/Ogień+	CD60/CD60	650	400	650	Ogień Plus	2x12,5+2x15,0	130	49,7	(R)EI120	87	7,5	1A
DK/EL/CD60-60/Ogień+	CD60/CD60	650	400	650	Ogień Plus	4x15,0	150	56,7	(R)EI120	87	7,5	1A
DK/EL/CD60-60/Twarda	CD60/CD60	650	400	650	Twarda	4x15,0	150	64,3	(R)EI120	87	7,5	1A
DK/EL/CD60-60/Hydro	CD60/CD60	650	400	650	Hydro	4x15,0	150	56,7	(R)EI120	87	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name										
		DK/EL/CD60-37,5/Ogień+	DK/EL/CD60-37,5/WodaOgień+	DK/EL/CD60-37,5/Twarda	DK/EL/CD60-37,5/Hydro	DK/EL/CD60-40/Ogień+	DK/EL/CD60-40/Twarda	DK/EL/CD60-40/Hydro	DK/EL/CD60-55/Ogień+	DK/EL/CD60-60/Ogień+	DK/EL/CD60-60/Twarda	DK/EL/CD60-60/Hydro
		Consumption of material per 1m²										
Nida Ogień Plus 12.5 mm plasterboard	m²	3,0	-	-	-	2,0	-	-	2,0	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	3,0	-	-	-	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	3,0	-	-	2,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m²	-	-	-	3,0	-	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	1,0	-	-	2,0	4,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	1,0	-	-	-	4,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	1,0	-	-	-	4,0
Nida CD60 profile	lm	3,5	3,5	3,5	3,5	3,7	3,7	3,7	4,1	4,1	4,1	4,1
Nida UD27 profile	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida EL60 fixing element	pcs.	1,4	1,4	1,4	1,4	1,6	1,6	1,6	2,4	2,4	2,4	2,4
Nida LK60 cross connector	pcs.	2,5	2,5	2,5	2,5	3,0	3,0	3,0	3,9	3,9	3,9	3,9
Nida LW60 lengthwise connector	pcs.	0,9	0,9	0,9	0,9	0,9	0,9	0,9	1,0	1,0	1,0	1,0
Steel anchoring element [4]	pcs.	2,0	2,0	2,0	2,0	2,2	2,2	2,2	3,0	3,0	3,0	3,0
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	5,6	5,6	5,6	5,6	6,4	6,4	6,4	9,6	9,6	9,6	9,6
Nida 3.5x25 mm sheet metal screws	pcs.	6,0	6,0	-	-	6,0	-	-	6,0	6,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	6,0	6,0	-	-	6,0	-	-	6,0	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	6,0	-	-
Nida 3.5x55 mm sheet metal screws	pcs.	18,0	18,0	-	-	18,0	-	-	6,0	6,0	-	-
Nida 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	18,0	18,0	-	-
FixDens 4.2 x 25 mm screws	pcs.	-	-	6,0	-	-	6,0	-	-	-	6,0	-
FixDens 4.2 x 42 mm screws	pcs.	-	-	6,0	-	-	6,0	-	-	-	6,0	-
FixDens 4.2 x 60 mm screws	pcs.	-	-	18,0	-	-	18,0	-	-	-	6,0	-
FixDens 4.5 x 80 mm screws	pcs.	-	-	-	-	-	-	-	-	-	18,0	-
Nida Hydro CS 3.5x25 mm sheet metal screws	pcs.	-	-	-	6,0	-	-	6,0	-	-	-	6,0
Nida Hydro CS 3.5x41 mm sheet metal screws	pcs.	-	-	-	6,0	-	-	6,0	-	-	-	6,0
Nida Hydro CS 3.5x55 mm sheet metal screws	pcs.	-	-	-	18,0	-	-	18,0	-	-	-	6,0
Nida Hydro CS 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	-	-	18,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,9	0,9	-	-	0,9	-	-	1,2	1,2	-	-
Nida Finish gypsum putty	kg	0,1	0,1	-	-	0,1	-	-	0,1	0,1	-	-
Nida Hydromix ready-to-use joint filler [5]	kg	-	-	1,0	1,0	-	1,0	1,0	-	-	1,3	1,3
Mineral wool [6]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[4] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[5] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[6] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

www.siniat.pl

Nida systems search engine
www.systemynida.pl

Calculator of the Nida systems
www.siniat.pl/kalkulatory

Follow us on:

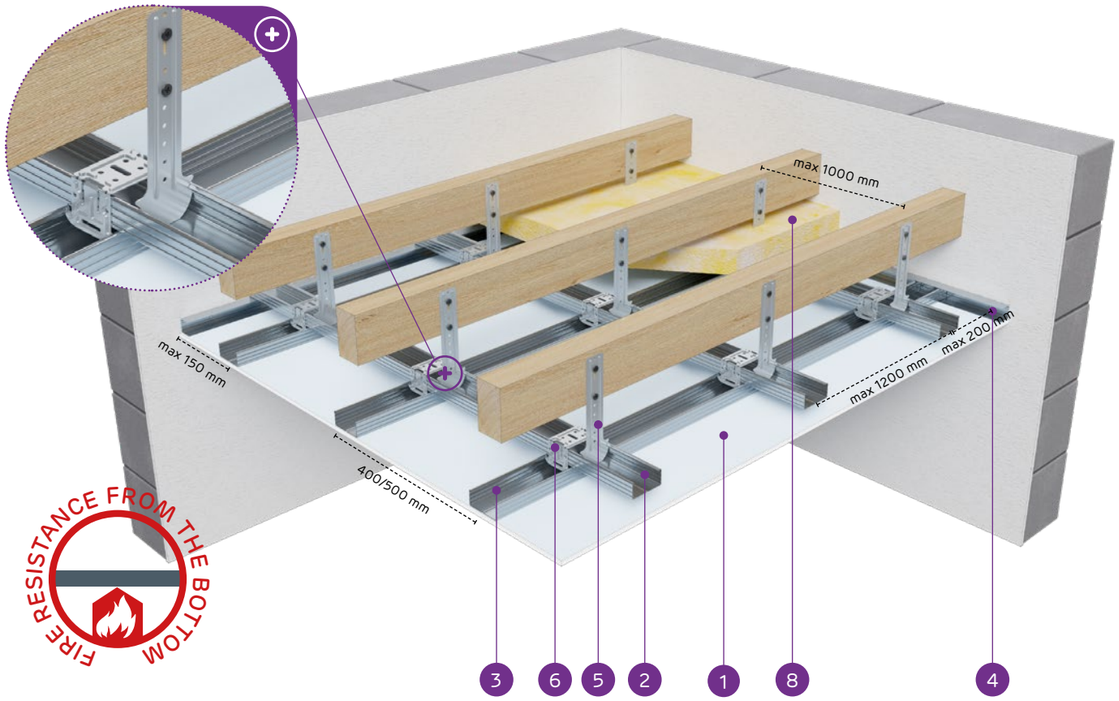
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
(R)EI20 (R)EI30	36 kg/m²	102,5 mm	10,9-18,1 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0025/15.11.2016

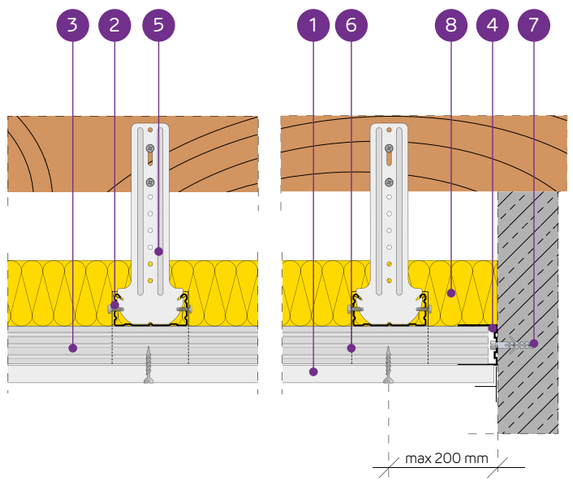
SYSTEMS:

DK/WP/CD/60-12,5; DK/WP/CD/60-15; DK/WP/CD/60-18



MATERIALS:

1. Nida plasterboard
2. Nida CD 60 top main profile
3. Nida CD 60 bottom load-bearing profile
4. Nida UD 27 profile
5. Nida WP60 loft hanger
6. Nida LK60 cross connector
7. Steel anchoring element
8. Mineral wool (optional)



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

etex inspiring ways of living

Promat

KONFEDERACJA BUDOWNICTWA I NIERUCHOMOŚCI

THE SYSTEM OF THE SUSPENDED CEILINGS ON THE DOUBLE-LEVEL NIDA CD60 (NIDA WP60) LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure				Plasterboard sheathing		Min. suspension height	Weight of 1m² of encasement	Fire resistance class	Max. load of Nida ceiling		Resistance to impact[3]
	Type of Nida profile	Max. spacing of the Nida CD60 main profiles	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the Nida suspension elements	Nida	Thickness				Without fire resistance[1]	With fire resistance[2]	
		[mm]	[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
DK/WP/CD60-12,5/Expert	CD60/CD60	1200	400/500	1000	Expert	12,5	102,5	10,9	-	20/18	-	1A
DK/WP/CD60-12,5/Woda[4]	CD60/CD60	1200	400/500	1000	Woda	12,5	102,5	11,4	-	20/18	-	1A
DK/WP/CD60-12,5/Ogień+	CD60/CD60	1000	400	900	Ogień Plus	12,5	102,5	12,7	(R)EI20	31	7,5	1A
DK/WP/CD60-12,5/WodaOgień+	CD60/CD60	1000	400	900	Woda Ogień Plus	12,5	102,5	12,7	(R)EI20	31	7,5	1A
DK/WP/CD60-12,5/Twarda	CD60/CD60	1000	400	900	Twarda	12,5	102,5	15,5	(R)EI20	31	7,5	1A
DK/WP/CD60-12,5/Hydro	CD60/CD60	1000	400	900	Hydro	12,5	102,5	13,5	(R)EI20	31	7,5	1A
DK/WP/CD60-15/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	15,0	105	16,2	(R)EI20	36	7,5	1A
DK/WP/CD60-15/Twarda	CD60/CD60	1000	400	850	Twarda	15,0	105	18,1	(R)EI20	36	7,5	1A
DK/WP/CD60-15/Hydro	CD60/CD60	1000	400	850	Hydro	15,0	105	16,2	(R)EI20	36	7,5	1A
DK/WP/CD60-18/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	18,0	108	16,9	(R)EI30	36	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[4] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name									
		DK/WP/CD60-12,5/Expert	DK/WP/CD60-12,5/Woda	DK/WP/CD60-12,5/Ogień+	DK/WP/CD60-12,5/WodaOgień+	DK/WP/CD60-12,5/Twarda	DK/WP/CD60-12,5/Hydro	DK/WP/CD60-15/Ogień+	DK/WP/CD60-15/Twarda	DK/WP/CD60-15/Hydro	DK/WP/CD60-18/Ogień+
		Consumption of material per 1m²									
Nida Expert 12.5 mm plasterboard	m²	1,0	-	-	-	-	-	-	-	-	-
Nida Woda 12.5 mm plasterboard	m²	-	1,0	-	-	-	-	-	-	-	-
Nida Ogień Plus 12.5 mm plasterboard	m²	-	-	1,0	-	-	-	-	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	-	-	1,0	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	-	-	1,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m²	-	-	-	-	-	1,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	1,0	-	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	1,0	-	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	1,0	-
Nida Ogień Plus 18.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	1,0
Nida CD60 profile	lm	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5
Nida UD27 profile	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida WP60 loft hanger	pcs.	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2
Nida LK60 cross connector	pcs.	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5
Nida LW60 lengthwise connector	pcs.	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Steel anchoring element[5]	pcs.	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida 3.5x25 mm sheet metal screws	pcs.	18,0	18,0	18,0	18,0	-	-	18,0	-	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	-	18,0
FixDens 4.2 x 25 mm screws	pcs.	-	-	-	-	18,0	-	-	18,0	-	-
Nida Hydro CS 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	18,0	-	-	18,0	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,3	0,3	0,3	0,3	-	-	0,3	-	-	0,3
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1	-	-	0,1	-	-	0,1
Nida Hydromix ready-to-use joint filler[6]	kg	-	-	-	-	0,4	0,4	-	0,4	0,4	-
Mineral wool[7]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[5] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[6] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[7] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

www.siniat.pl

Nida systems search engine
www.systemynida.pl

Calculator of the Nida systems
www.siniat.pl/kalkulatory

Follow us on:

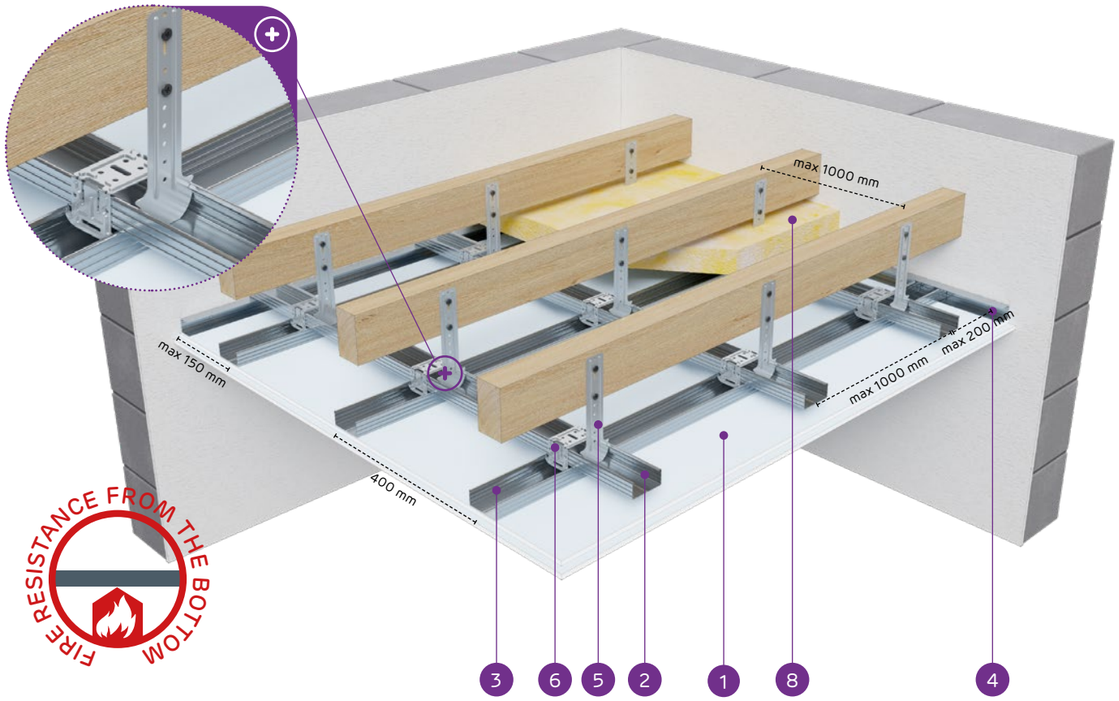
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
(R)EI30 (R)EI45 (R)EI60	36 kg/m²	115 mm	19,1-33,5 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0025/15.11.2016

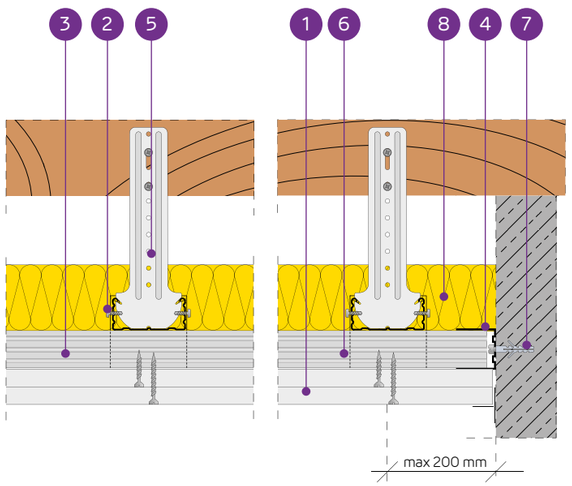
SYSTEMS:

DK/WP/CD60-25; DK/WP/CD60-27,5; DK/WP/CD60-30



MATERIALS:

1. Nida plasterboard
2. Nida CD 60 top main profile
3. Nida CD 60 bottom load-bearing profile
4. Nida UD 27 profile
5. Nida WP60 loft hanger
6. Nida LK60 cross connector
7. Steel anchoring element
8. Mineral wool (optional)



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

etex inspiring ways of living

Promat

Polski Gips

KONFEDERACJA BUDOWNICTWA I NIERUCHOMOŚCI

THE SYSTEM OF THE SUSPENDED CEILINGS ON THE DOUBLE-LEVEL NIDA CD60 (NIDA WP60) LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure				Plasterboard sheathing		Min. suspension height	Weight of 1m² of encasement	Fire resistance class	Max. load of Nida ceiling		Resistance to impact [3]
	Type of Nida profile	Max. spacing of the Nida CD60 main profiles	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the Nida suspension elements	Nida	Thickness				Without fire resistance [1]	With fire resistance [2]	
		[mm]	[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
DK/WP/CD60-25/Expert	CD60/CD60	1000	400	1000	Expert	2x12,5	115	19,1	-	24	-	1A
DK/WP/CD60-25/Woda [4]	CD60/CD60	1000	400	900	Woda	2x12,5	115	20,1	-	31	-	1A
DK/WP/CD60-25/OgieńTypF	CD60/CD60	1000	400	850	Ogień Typ F	2x12,5	115	19,9	(R)EI30	36	13,3	1A
DK/WP/CD60-25/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	2x12,5	115	22,7	(R)EI45	36	7,5	1A
DK/WP/CD60-25/WodaOgień+	CD60/CD60	1000	400	850	Woda Ogień Plus	2x12,5	115	22,7	(R)EI45	36	7,5	1A
DK/WP/CD60-25/Twarda	CD60/CD60	1000	400	850	Twarda	2x12,5	115	28,3	(R)EI45	36	7,5	1A
DK/WP/CD60-25/Hydro	CD60/CD60	1000	400	850	Hydro	2x12,5	115	24,3	(R)EI45	36	7,5	1A
DK/WP/CD60-27,5/Ogień+ [5]	CD60/CD60	1000	400	850	Ogień Plus	1x12,5+15,0	117,5	27,0	(R)EI60	36	7,5	1A
DK/WP/CD60-30/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	2x15,0	120	29,7	(R)EI60	36	7,5	1A
DK/WP/CD60-30/Twarda	CD60/CD60	1000	400	850	Twarda	2x15,0	120	33,5	(R)EI60	36	7,5	1A
DK/WP/CD60-30/Hydro	CD60/CD60	1000	400	850	Hydro	2x15,0	120	29,7	(R)EI60	36	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[4] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).
[5] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name										
		DK/WP/CD60-25/Expert	DK/WP/CD60-25/Woda	DK/WP/CD60-25/OgieńTypF	DK/WP/CD60-25/Ogień+	DK/WP/CD60-25/WodaOgień+	DK/WP/CD60-25/Twarda	DK/WP/CD60-25/Hydro	DK/WP/CD60-27,5/Ogień+	DK/WP/CD60-30/Ogień+	DK/WP/CD60-30/Twarda	DK/WP/CD60-30/Hydro
		Consumption of material per 1m²										
Nida Expert 12.5 mm plasterboard	m²	2,0	-	-	-	-	-	-	-	-	-	-
Nida Woda 12.5 mm plasterboard	m²	-	2,0	-	-	-	-	-	-	-	-	-
Nida Ogień Type F 12.5 mm plasterboard	m²	-	-	2,0	-	-	-	-	-	-	-	-
Nida Ogień Plus 12.5 mm plasterboard	m²	-	-	-	2,0	-	-	-	1,0	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	-	-	-	2,0	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	-	-	-	2,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m²	-	-	-	-	-	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	1,0	2,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	2,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	-	2,0
Nida CD60 profile	lm	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5
Nida UD27 profile	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida WP60 loft hanger	pcs.	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2
Nida LK60 cross connector	pcs.	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5
Nida LW60 lengthwise connector	pcs.	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Steel anchoring element [6]	pcs.	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida 3.5x25 mm sheet metal screws	pcs.	6,0	6,0	6,0	6,0	6,0	-	-	6,0	6,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	18,0	18,0	18,0	18,0	18,0	-	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	18,0	18,0	-	-
FixDens 4.2 x 25 mm screws	pcs.	-	-	-	-	-	6,0	-	-	-	6,0	-
FixDens 4.2 x 42 mm screws	pcs.	-	-	-	-	-	18,0	-	-	-	-	-
FixDens 4.2 x 60 mm screws	pcs.	-	-	-	-	-	-	-	-	-	18,0	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	-	6,0	-	-	-	6,0
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	-	-	18,0	-	-	-	18,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,6	0,6	0,6	0,6	0,6	-	-	0,6	0,6	-	-
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1	0,1	-	-	0,1	0,1	-	-
Nida Hydromix ready-to-use joint filler [7]	kg	-	-	-	-	-	0,7	0,7	-	-	0,7	0,7
Mineral wool [8]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[6] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[7] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[8] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

www.siniat.pl

Nida systems search engine
www.systemynida.pl

Calculator of the Nida systems
www.siniat.pl/kalkulatory

Follow us on:

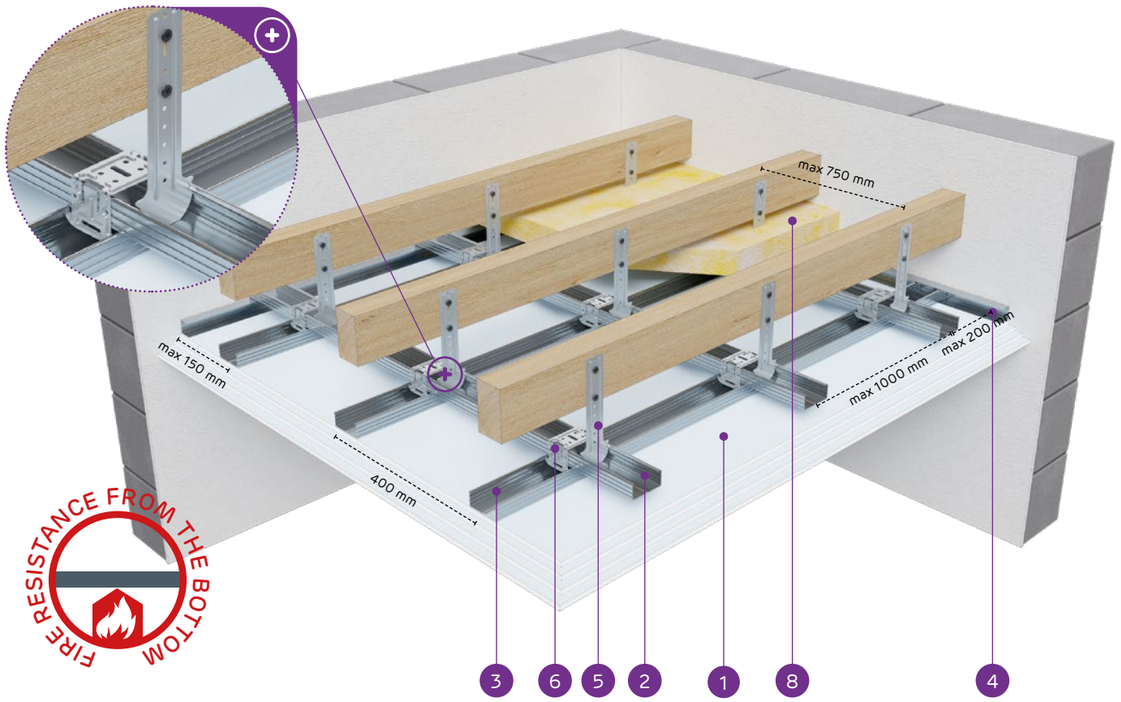
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
(R)EI60 (R)EI90 (R)EI120	87 kg/m²	127,5 mm	32,7-64,3 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0025/15.11.2016

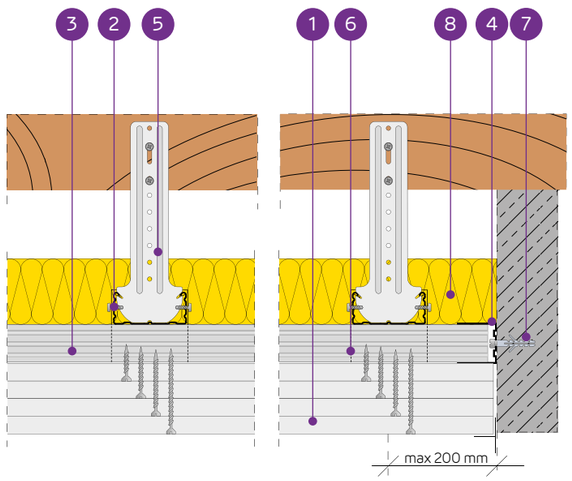
SYSTEMS:

DK/WP/CD60-37,5; DK/WP/CD60-40; DK/WP/CD60-55; DK/WP/CD60-60



MATERIALS:

1. Nida plasterboard
2. Nida CD 60 top main profile
3. Nida CD 60 bottom load-bearing profile
4. Nida UD 27 profile
5. Nida WP60 loft hanger
6. Nida LK60 cross connector
7. Steel anchoring element
8. Mineral wool (optional)



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

etex inspiring ways of living

Promat

POLSKI GIPS

KONFEDERACJA BUDOWNICTWA I NIERUCHOMOŚCI

THE SYSTEM OF THE SUSPENDED CEILINGS ON THE DOUBLE-LEVEL NIDA CD60 (NIDA WP60) LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure				Plasterboard sheathing		Min. suspension height	Weight of 1m² of encase-ment	Fire resistance class	Max. load of Nida ceiling		Resistance to impact [3]
	Type of Nida profile	Max. spacing of the Nida CD60 main profiles	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the Nida suspension elements	Nida	Thickness				Without fire resistance [1]	With fire resistance [2]	
		[mm]	[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
DK/WP/CD60-37,5/Ogień+	CD60/CD60	1000	400	750	Ogień Plus	3x12,5	127,5	32,7	(R)EI60	49	7,5	1A
DK/WP/CD60-37,5/WodaOgień+	CD60/CD60	1000	400	750	Woda Ogień Plus	3x12,5	127,5	32,7	(R)EI60	49	7,5	1A
DK/WP/CD60-37,5/Twarda	CD60/CD60	1000	400	750	Twarda	3x12,5	127,5	41,1	(R)EI60	49	7,5	1A
DK/WP/CD60-37,5/Hydro	CD60/CD60	1000	400	750	Hydro	3x12,5	127,5	35,1	(R)EI60	49	7,5	1A
DK/WP/CD60-40/Ogień+	CD60/CD60	850	400	750	Ogień Plus	2x12,5+15,0	130	36,2	(R)EI90	58	7,5	1A
DK/WP/CD60-40/Twarda	CD60/CD60	850	400	750	Twarda	2x12,5+15,0	130	43,7	(R)EI90	58	7,5	1A
DK/WP/CD60-40/Hydro	CD60/CD60	850	400	750	Hydro	2x12,5+15,0	130	37,8	(R)EI90	58	7,5	1A
DK/WP/CD60-55/Ogień+	CD60/CD60	650	400	650	Ogień Plus	2x12,5+2x15,0	150	49,7	(R)EI120	87	7,5	1A
DK/WP/CD60-60/Ogień+	CD60/CD60	650	400	650	Ogień Plus	4x15,0	150	56,7	(R)EI120	87	7,5	1A
DK/WP/CD60-60/Twarda	CD60/CD60	650	400	650	Twarda	4x15,0	150	64,3	(R)EI120	87	7,5	1A
DK/WP/CD60-60/Hydro	CD60/CD60	650	400	650	Hydro	4x15,0	150	56,7	(R)EI120	87	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name										
		DK/WP/CD60-37.5/Ogień+	DK/WP/CD60-37.5/WodaOgień+	DK/WP/CD60-37.5/Twarda	DK/WP/CD60-37.5/Hydro	DK/WP/CD60-40/Ogień+	DK/WP/CD60-40/Twarda	DK/WP/CD60-40/Hydro	DK/WP/CD60-55/Ogień+	DK/WP/CD60-60/Ogień+	DK/WP/CD60-60/Twarda	DK/WP/CD60-60/Hydro
		Consumption of material per 1m²										
Nida Ogień Plus 12.5 mm plasterboard	m²	3,0	-	-	-	2,0	-	-	2,0	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	3,0	-	-	-	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	3,0	-	-	2,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m²	-	-	-	3,0	-	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	1,0	-	-	2,0	4,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	1,0	-	-	-	4,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	1,0	-	-	-	4,0
Nida CD60 profile	lm	3,5	3,5	3,5	3,5	3,7	3,7	3,7	4,1	4,1	4,1	4,1
Nida UD27 profile	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida WP60 loft hanger	pcs.	1,4	1,4	1,4	1,4	1,6	1,6	1,6	2,4	2,4	2,4	2,4
Nida LK60 cross connector	pcs.	2,5	2,5	2,5	2,5	3,0	3,0	3,0	3,9	3,9	3,9	3,9
Nida LW60 lengthwise connector	pcs.	0,9	0,9	0,9	0,9	0,9	0,9	0,9	1,0	1,0	1,0	1,0
Steel anchoring element [4]	pcs.	2,0	2,0	2,0	2,0	2,2	2,2	2,2	3,0	3,0	3,0	3,0
Nida 3.5x25 mm sheet metal screws	pcs.	6,0	6,0	-	-	6,0	-	-	6,0	6,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	6,0	6,0	-	-	6,0	-	-	6,0	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	6,0	-	-
Nida 3.5x55 mm sheet metal screws	pcs.	18,0	18,0	-	-	18,0	-	-	6,0	6,0	-	-
Nida 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	18,0	18,0	-	-
FixDens 4.2 x 25 mm screws	pcs.	-	-	6,0	-	-	6,0	-	-	-	6,0	-
FixDens 4.2 x 42 mm screws	pcs.	-	-	6,0	-	-	6,0	-	-	-	6,0	-
FixDens 4.2 x 60 mm screws	pcs.	-	-	18,0	-	-	18,0	-	-	-	6,0	-
FixDens 4.5 x 80 mm screws	pcs.	-	-	-	-	-	-	-	-	-	18,0	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	6,0	-	-	6,0	-	-	-	6,0
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	6,0	-	-	6,0	-	-	-	6,0
Nida Hydro C5 3.5x55 mm sheet metal screws	pcs.	-	-	-	18,0	-	-	18,0	-	-	-	6,0
Nida Hydro C5 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	-	-	18,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,9	0,9	-	-	0,9	-	-	1,2	1,2	-	-
Nida Finish gypsum putty	kg	0,1	0,1	-	-	0,1	-	-	0,1	0,1	-	-
Nida Hydromix ready-to-use joint filler [5]	kg	-	-	1,0	1,0	-	1,0	1,0	-	-	1,3	1,3
Mineral wool [6]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[4] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[5] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[6] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

www.siniat.pl

Nida systems search engine
www.systemynida.pl

Calculator of the Nida systems
www.siniat.pl/kalkulatory

Follow us on:

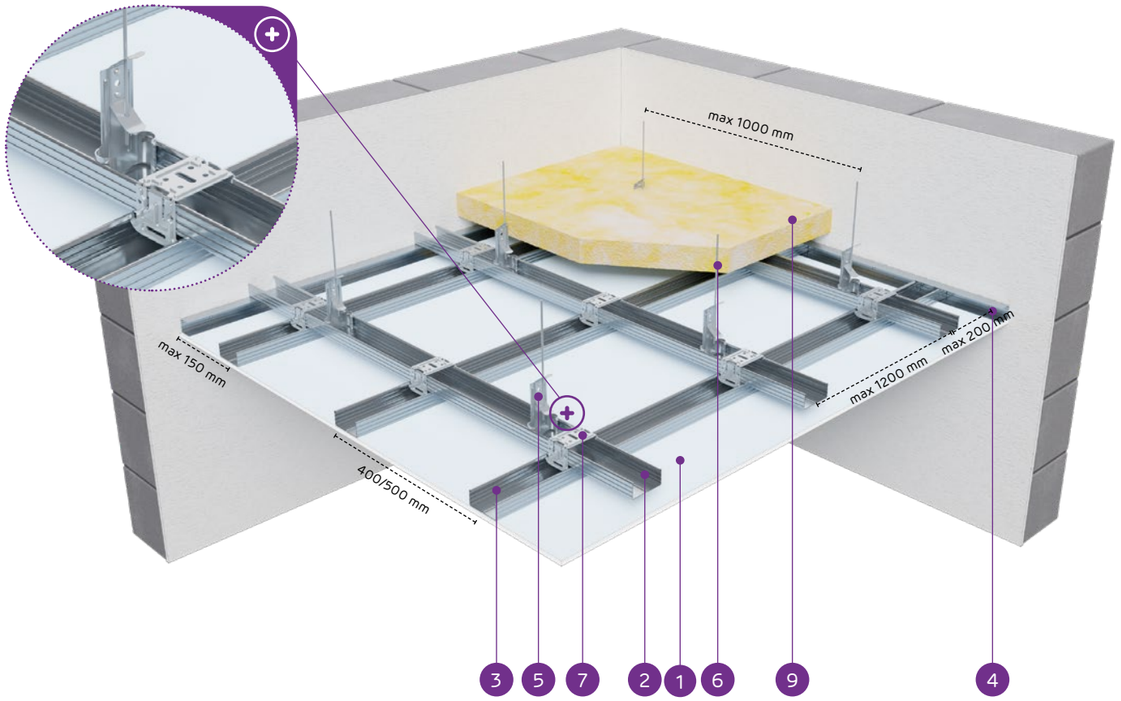
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
N/A	31 kg/m²	222,5 mm	10,9-20,1 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0025/15.11.2016

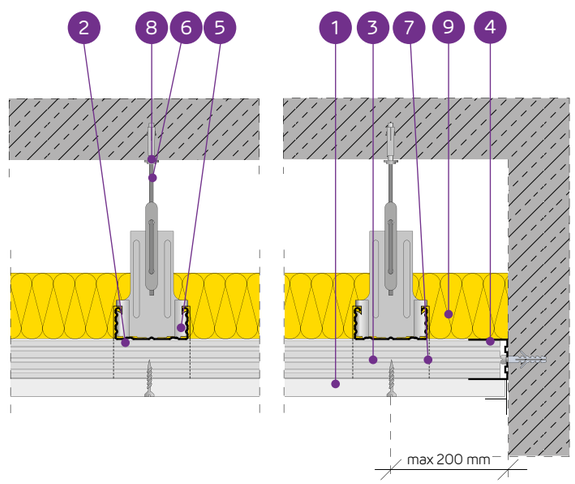
SYSTEMS:

DK/WO/CD60-12,5; DK/WO/CD60-25



MATERIALS:

1. Nida plasterboard
2. Nida CD 60 top main profile
3. Nida CD 60 bottom load-bearing profile
4. Nida UD 27 profile
5. Nida WO60 rotary hanger
6. Nida fixing rod
7. Nida LK60 cross connector
8. Steel anchoring element
9. Mineral wool (optional)



THE SYSTEM OF THE SUSPENDED CEILINGS ON THE DOUBLE-LEVEL NIDA CD60 (NIDA WO60) LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure				Plasterboard sheathing		Min. suspension height	Weight of 1m² of encase-ment	Fire resistance class	Max. load of Nida ceiling		Resistance to impact[2]
	Type of Nida profile	Max. spacing of the Nida CD60 main profiles	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the Nida suspension elements	Nida	Thickness				Without fire resistance[1]	With fire resistance	
		[mm]	[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
DK/WO/CD60-12,5/Expert	CD60/CD60	1200	400/500	1000	Expert	12,5	222,5	10,9	-	20/18	-	1A
DK/WO/CD60-12,5/Woda[3]	CD60/CD60	1200	400/500	1000	Woda	12,5	222,5	11,4	-	20/18	-	1A
DK/WO/CD60-25/Expert	CD60/CD60	1000	400	1000	Expert	2x12,5	235	19,1	-	24	-	1A
DK/WO/CD60-25/Woda[3]	CD60/CD60	1000	400	900	Woda	2x12,5	235	20,1	-	31	-	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name			
		DK/WO/CD60-12,5/Expert	DK/WO/CD60-12,5/Woda	DK/WO/CD60-25/Expert	DK/WO/CD60-25/Woda
		Consumption of material per 1m²			
Nida Expert 12.5 mm plasterboard	m²	1,0	-	2,0	-
Nida Woda 12.5 mm plasterboard	m²	-	1,0	-	2,0
Nida CD60 profile	lm	3,5	3,5	3,5	3,5
Nida UD27 profile	lm	0,6	0,6	0,6	0,6
Nida WO60 rotary hanger	pcs.	1,2	1,2	1,1	1,1
Nida fixing rod	pcs.	1,0	1,0	1,0	1,0
Nida LK60 cross connector	pcs.	2,5	2,5	2,5	2,5
Nida LW60 lengthwise connector	pcs.	0,6	0,6	0,6	0,6
Steel anchoring element[4]	pcs.	1,8	1,8	1,8	1,8
Nida 3.5x25 mm sheet metal screws	pcs.	18,0	18,0	6,0	6,0
Nida 3.5x35 mm sheet metal screws	pcs.	-	-	18,0	18,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,3	0,3	0,6	0,6
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1
Mineral wool[5]	m²	1,0	1,0	1,0	1,0

[4] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[5] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

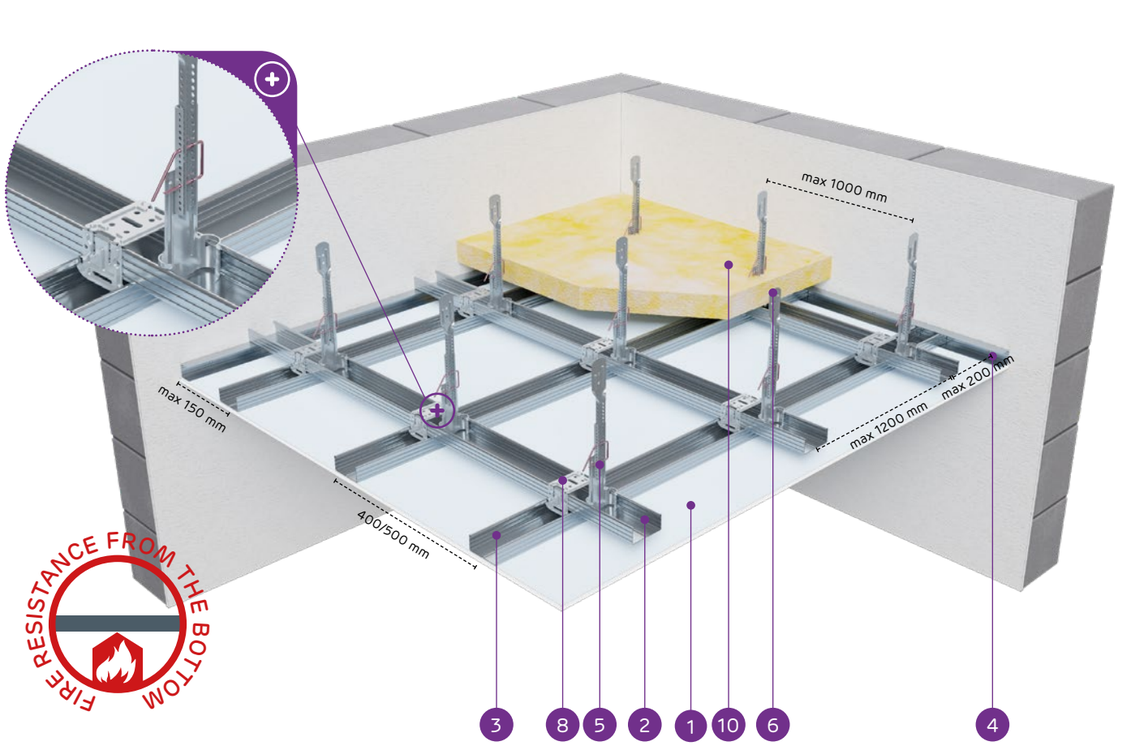
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
(R)EI20 (R)EI30	36 kg/m²	222,5 mm	10,9-18,1 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0025/15.11.2016

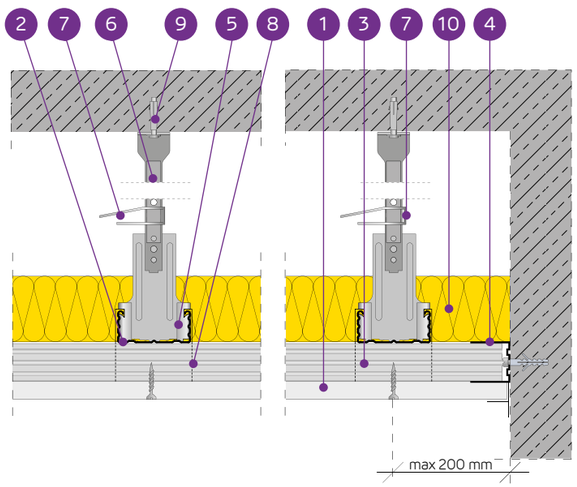
SYSTEMS:

DK/WON/CD60-12,5; DK/WON/CD60-15; DK/WON/CD60-18



MATERIALS:

1. Nida plasterboard
2. Nida CD 60 top main profile
3. Nida CD 60 bottom load-bearing profile
4. Nida UD 27 profile
5. Nida WON 60 bottom rotary nonius hanger
6. Nida WGN top nonius hanger
7. Siniat FAST-PIN nonius hanger pin
8. Nida LK60 cross connector
9. Steel anchoring element
10. Mineral wool (optional)



THE SYSTEM OF THE SUSPENDED CEILINGS ON THE DOUBLE-LEVEL NIDA CD60 (NIDA WON60) LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure				Plasterboard sheathing		Min. suspension height	Weight of 1m² of encasement	Fire resistance class	Max. load of Nida ceiling		Resistance to impact[3]
	Type of Nida profile	Max. spacing of the Nida CD60 main profiles	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the Nida suspension elements	Nida	Thickness				Without fire resistance[1]	With fire resistance[2]	
		[mm]	[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
DK/WON/CD60-12,5/Expert	CD60/CD60	1200	400/500	1000	Expert	12,5	222,5	10,9	-	20/18	-	1A
DK/WON/CD60-12,5/Woda[4]	CD60/CD60	1200	400/500	1000	Woda	12,5	222,5	11,4	-	20/18	-	1A
DK/WON/CD60-12,5/Ogień+	CD60/CD60	1000	400	900	Ogień Plus	12,5	222,5	12,7	(R)EI20	31	7,5	1A
DK/WON/CD60-12,5/WodaOgień+	CD60/CD60	1000	400	900	Woda Ogień Plus	12,5	222,5	12,7	(R)EI20	31	7,5	1A
DK/WON/CD60-12,5/Twarda	CD60/CD60	1000	400	900	Twarda	12,5	222,5	15,5	(R)EI20	31	7,5	1A
DK/WON/CD60-12,5/Hydro	CD60/CD60	1000	400	900	Hydro	12,5	222,5	13,5	(R)EI20	31	7,5	1A
DK/WON/CD60-15/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	15,0	225	16,2	(R)EI20	36	7,5	1A
DK/WON/CD60-15/Twarda	CD60/CD60	1000	400	850	Twarda	15,0	225	18,1	(R)EI20	36	7,5	1A
DK/WON/CD60-15/Hydro	CD60/CD60	1000	400	850	Hydro	15,0	225	16,2	(R)EI20	36	7,5	1A
DK/WON/CD60-18/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	18,0	228	16,9	(R)EI30	36	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[4] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name									
		DKWON/CD60-12,5/Expert	DKWON/CD60-12,5/Woda	DKWON/CD60-12,5/Ogień+	DKWON/CD60-12,5/WodaOgień+	DKWON/CD60-12,5/Twarda	DKWON/CD60-12,5/Hydro	DKWON/CD60-15/Ogień+	DKWON/CD60-15/Twarda	DKWON/CD60-15/Hydro	DKWON/CD60-18/Ogień+
		Consumption of material per 1m²									
Nida Expert 12.5 mm plasterboard	m²	1,0	-	-	-	-	-	-	-	-	-
Nida Woda 12.5 mm plasterboard	m²	-	1,0	-	-	-	-	-	-	-	-
Nida Ogień Plus 12.5 mm plasterboard	m²	-	-	1,0	-	-	-	-	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	-	-	1,0	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	-	-	1,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m²	-	-	-	-	-	1,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	1,0	-	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	1,0	-	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	1,0	-
Nida Ogień Plus 18.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	1,0
Nida CD60 profile	lm	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5
Nida UD27 profile	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida WON 60 rotary nonius hanger[5]	pcs.	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2
Nida WGN top nonius hanger	pcs.	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2
Siniat FAST-PIN nonius hanger pin	pcs.	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2
Nida LK60 cross connector	pcs.	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5
Nida LW60 lengthwise connector	pcs.	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Steel anchoring element[6]	pcs.	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida 3.5x25 mm sheet metal screws	pcs.	18,0	18,0	18,0	18,0	-	-	18,0	-	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	-	18,0
FixDens 4.2 x 25 mm screws	pcs.	-	-	-	-	18,0	-	-	18,0	-	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	18,0	-	-	18,0	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,3	0,3	0,3	0,3	-	-	0,3	-	-	0,3
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1	-	-	0,1	-	-	0,1
Nida Hydromix ready-to-use joint filler[7]	kg	-	-	-	-	0,4	0,4	-	0,4	0,4	-
Mineral wool[8]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[5] Can be replaced with the reinforced bottom nonius hanger.
[6] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[7] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[8] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

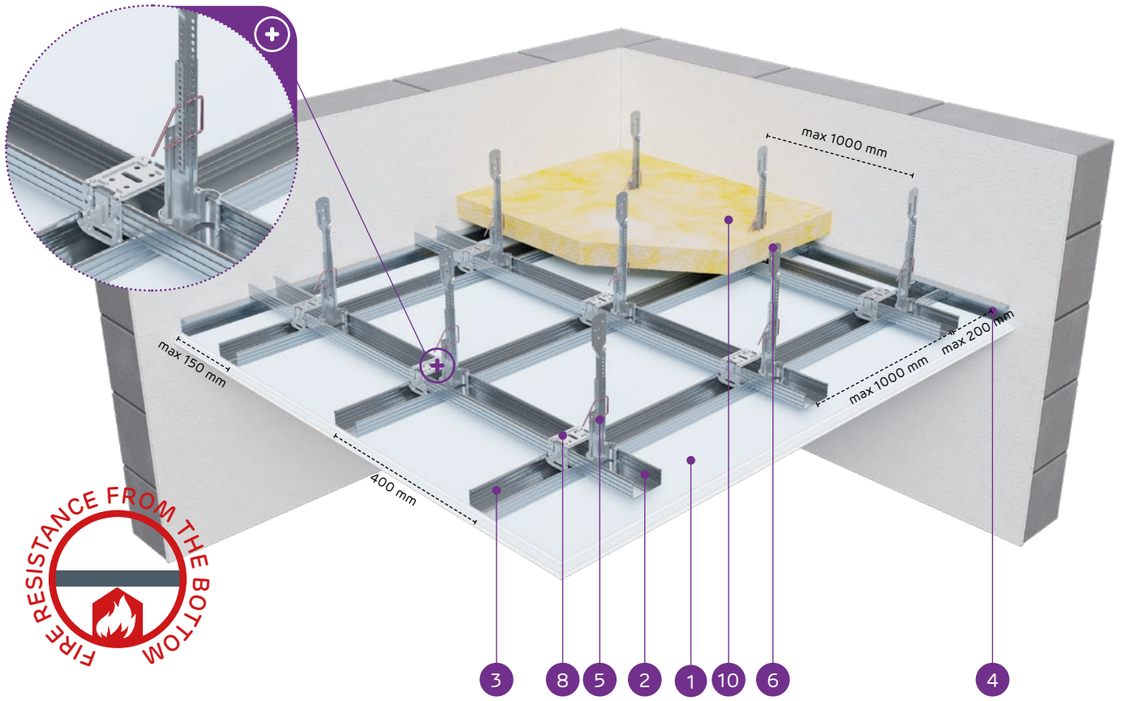
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
(R)EI30 (R)EI45 (R)EI60	36 kg/m²	235 mm	19,1-33,5 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0025/15.11.2016

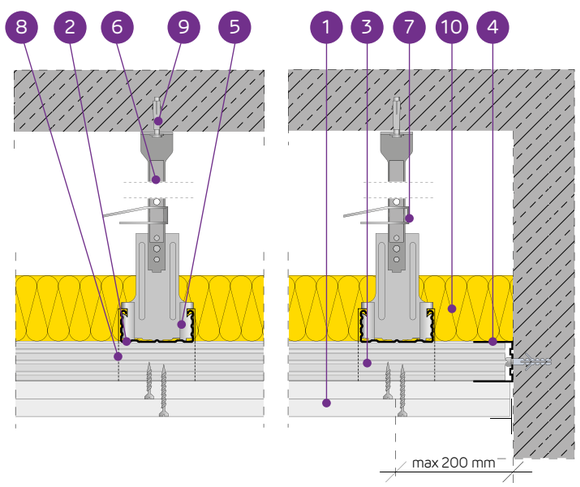
SYSTEMS:

DK/WON/CD60-25; DK/WON/CD60-27,5; DK/WON/CD60-30



MATERIALS:

1. Nida plasterboard
2. Nida CD 60 top main profile
3. Nida CD 60 bottom load-bearing profile
4. Nida UD 27 profile
5. Nida WON 60 bottom rotary nonius hanger
6. Nida WGN top nonius hanger
7. Siniat FAST-PIN nonius hanger pin
8. Nida LK60 cross connector
9. Steel anchoring element
10. Mineral wool (optional)



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

etex inspiring ways of living

Promat

KONFEDERACJA BUDOWNICTWA I NIERUCHOMOŚCI

THE SYSTEM OF THE SUSPENDED CEILINGS ON THE DOUBLE-LEVEL NIDA CD60 (NIDA WON60) LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure				Plasterboard sheathing		Min. suspension height	Weight of 1m² of encase-ment	Fire resi-stance class	Max. load of Nida ceiling		Resistance to impact [5]
	Type of Nida profile	Max. spacing of the Nida CD60 main profiles	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the Nida suspension elements	Nida	Thickness				Without fire resistance [1]	With fire resistance [2]	
		[mm]	[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
DK/WON/CD60-25/Expert	CD60/CD60	1000	400	1000	Expert	2x12,5	235	19,1	-	24	-	1A
DK/WON/CD60-25/Woda [4]	CD60/CD60	1000	400	900	Woda	2x12,5	235	20,1	-	31	-	1A
DK/WON/CD60-25/OgieńTypF	CD60/CD60	1000	400	850	Ogień Typ F	2x12,5	235	19,9	(R)EI30	36	13,3	1A
DK/WON/CD60-25/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	2x12,5	235	22,7	(R)EI45	36	7,5	1A
DK/WON/CD60-25/WodaOgień+	CD60/CD60	1000	400	850	Woda Ogień Plus	2x12,5	235	22,7	(R)EI45	36	7,5	1A
DK/WON/CD60-25/Twarda	CD60/CD60	1000	400	850	Twarda	2x12,5	235	28,3	(R)EI45	36	7,5	1A
DK/WON/CD60-25/Hydro	CD60/CD60	1000	400	850	Hydro	2x12,5	235	24,3	(R)EI45	36	7,5	1A
DK/WON/CD60-27,5/Ogień+ [5]	CD60/CD60	1000	400	850	Ogień Plus	1x12,5+1x15,0	237,5	27,0	(R)EI60	47	7,5	1A
DK/WON/CD60-30/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	2x15,0	240	29,7	(R)EI60	36	7,5	1A
DK/WON/CD60-30/Twarda	CD60/CD60	1000	400	850	Twarda	2x15,0	240	33,5	(R)EI60	36	7,5	1A
DK/WON/CD60-30/Hydro	CD60/CD60	1000	400	850	Hydro	2x15,0	240	29,7	(R)EI60	36	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[4] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).
[5] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name										
		DK/WON/CD60-25/Expert	DK/WON/CD60-25/Woda	DK/WON/CD60-25/OgieńTypF	DK/WON/CD60-25/Ogień+	DK/WON/CD60-25/WodaOgień+	DK/WON/CD60-25/Twarda	DK/WON/CD60-25/Hydro	DK/WON/CD60-27,5/Ogień+	DK/WON/CD60-30/Ogień+	DK/WON/CD60-30/Twarda	DK/WON/CD60-30/Hydro
		Consumption of material per 1m²										
Nida Expert 12.5 mm plasterboard	m²	2,0	-	-	-	-	-	-	-	-	-	-
Nida Woda 12.5 mm plasterboard	m²	-	2,0	-	-	-	-	-	-	-	-	-
Nida Ogień Type F 12.5 mm plasterboard	m²	-	-	2,0	-	-	-	-	-	-	-	-
Nida Ogień Plus 12.5 mm plasterboard	m²	-	-	-	2,0	-	-	-	1,0	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	-	-	-	2,0	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	-	-	-	2,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m²	-	-	-	-	-	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	1,0	2,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	2,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	-	2,0
Nida CD60 profile	lm	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5
Nida UD27 profile	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida WON 60 rotary nonius hanger [6]	pcs.	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2
Nida WGN top nonius hanger	pcs.	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2
Siniat FAST-PIN nonius hanger pin	pcs.	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2
Nida LK60 cross connector	pcs.	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5
Nida LW60 lengthwise connector	pcs.	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Steel anchoring element [7]	pcs.	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida 3.5x25 mm sheet metal screws	pcs.	6,0	6,0	6,0	6,0	6,0	-	-	6,0	6,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	18,0	18,0	18,0	18,0	18,0	-	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	18,0	18,0	-	-
FixDens 4.2 x 25 mm screws	pcs.	-	-	-	-	-	6,0	-	-	-	6,0	-
FixDens 4.2 x 42 mm screws	pcs.	-	-	-	-	-	18,0	-	-	-	-	-
FixDens 4.2 x 60 mm screws	pcs.	-	-	-	-	-	-	-	-	-	18,0	-
Nida Hydro CS 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	-	6,0	-	-	-	6,0
Nida Hydro CS 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	-	-	18,0	-	-	-	18,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,6	0,6	0,6	0,6	0,6	-	-	0,6	0,6	-	-
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1	0,1	-	-	0,1	0,1	-	-
Nida Hydromix ready-to-use joint filler [8]	kg	-	-	-	-	-	0,7	0,7	-	-	0,7	0,7
Mineral wool [9]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[6] Can be replaced with the reinforced bottom nonius hanger.
[7] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[8] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[9] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

www.siniat.pl

Nida systems search engine
www.systemynida.pl

Calculator of the Nida systems
www.siniat.pl/kalkulatory

Follow us on:

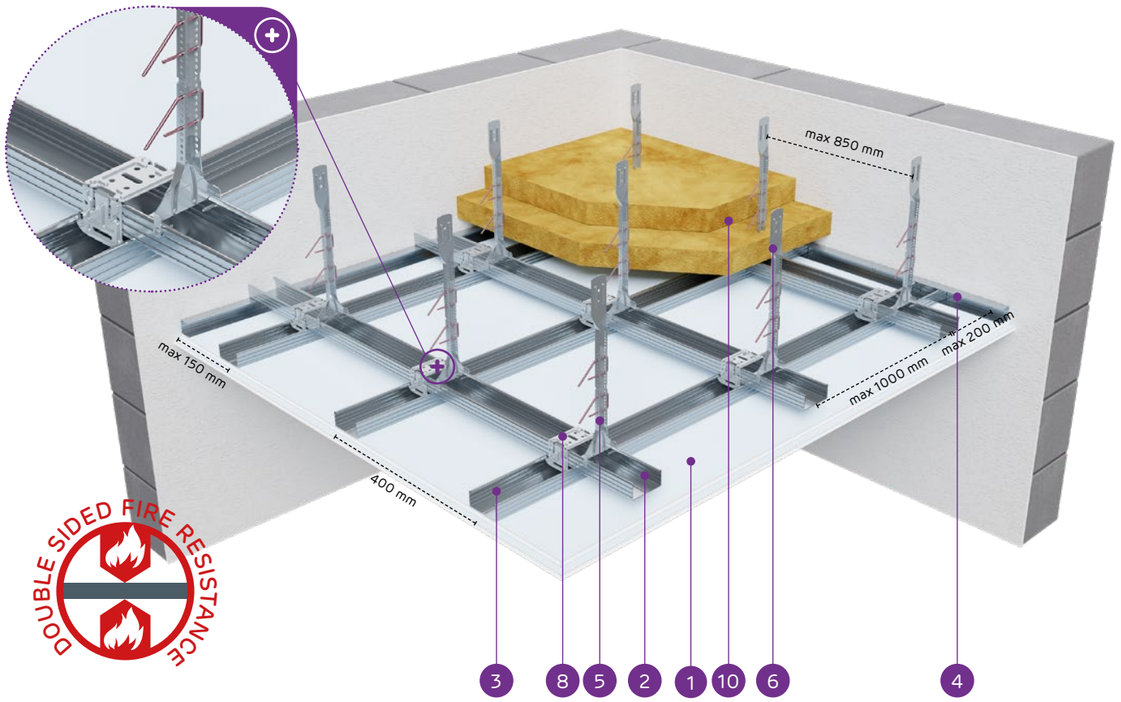
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
(R)EI30 (R)EI60	33 kg/m²	235 mm	25,2-32,2 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0037/15.11.2016

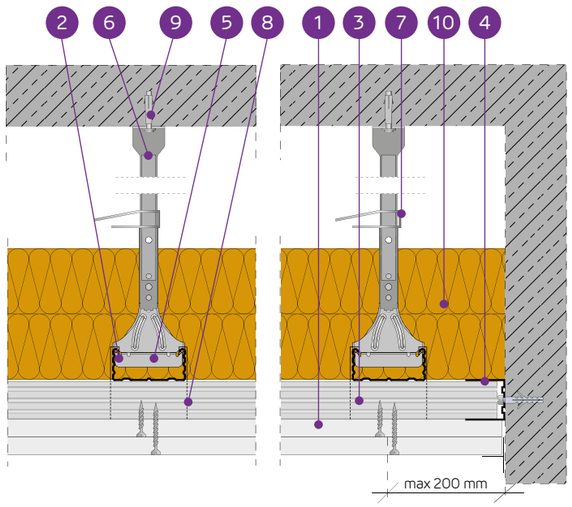
SYSTEMS:

DK/WDNW/CD60-25/MW; DK/WDNW/CD60-30/MW



MATERIALS:

1. Nida plasterboard
2. Nida CD 60 top main profile
3. Nida CD 60 bottom load-bearing profile
4. Nida UD 27 profile
5. Nida WDNW 60 reinforced bottom nonius hanger
6. Nida WGN top nonius hanger
7. Siniat FAST-PIN nonius hanger pin
8. Nida LK60 cross connector
9. Steel anchoring element
10. Insulation material mineral wool



THE SYSTEM OF THE SUSPENDED CEILINGS ON THE DOUBLE-LEVEL NIDA CD60 (NIDA WDNW60) LOAD-BEARING STRUCTURE - DOUBLE-SIDED FIRE RESISTANCE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure				Plasterboard sheathing		Insulation material			Min. suspension height	Weight of 1m² of encasement	Fire resistance class [1] (a ↔ b)	Max. load of Nida ceiling		Resistance to impact [3]	Special system
	Type of Nida profile	Max. spacing of the Nida CD60 main profiles	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the Nida suspension elements	Trade name	Thickness	Mineral wool	Thickness	Density				Without fire resistance [2]	With fire resistance		
		[mm]	[mm]	[mm]	Nida	[mm]		[mm]	[kg/m³]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class	
DK/WDNW/CD60-25/MW/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	2x12,5	rock wool	2x50	25	235	25,2	(R)EI45/30 [4]	33	2,5	1A	●
DK/WDNW/CD60-25/MW/WodaOgień+	CD60/CD60	1000	400	850	Woda Ogień Plus	2x12,5	rock wool	2x50	25	235	25,2	(R)EI45/30 [4]	33	2,5	1A	●
DK/WDNW/CD60-30/MW/Ogień+	CD60/CD60	1000	400	850	Ogień Plus	2x15,0	rock wool	2x50	25	240	32,2	(R)EI60 [4]	33	2,5	1A	●
DK/WDNW/CD60-30/MW/WodaOgień+	CD60/CD60	1000	400	850	Woda Ogień Plus	2x15,0	rock wool	2x50	25	240	32,2	(R)EI60 [4]	33	2,5	1A	●

[1] Declaration of Performance (DoP) - DoP/Ceiling System/0037/15.11.2016, fire classification LBO-056-KZ/22.
[2] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[4] The fire resistance class (a ↔ b) - meets the requirements for the fire exposition from the top and from the bottom side.

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name			
		DK/WDNWCD60-25/MW/Ogień+	DK/WDNWCD60-25/MW/WodaOgień+	DK/WDNWCD60-30/MW/Ogień+	DK/WDNWCD60-30/MW/WodaOgień+
		Consumption of material per 1m²			
Nida Ogień Plus 12.5 mm plasterboard	m²	2,0	-	-	-
Nida Ogień Plus 15 mm plasterboard	m²	-	-	2,0	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	2,0	-	-
Nida Woda Ogień Plus 15 mm plasterboard	m²	-	-	-	2,0
Nida CD60 profile	lm	3,5	3,5	3,5	3,5
Nida UD27 profile	lm	0,6	0,6	0,6	0,6
Nida WDNW 60 reinforced bottom nonius hanger	pcs.	1,2	1,2	1,2	1,2
Nida WGN top nonius hanger	pcs.	1,2	1,2	1,2	1,2
Siniat FAST-PIN nonius hanger pin	pcs.	1,2	1,2	1,2	1,2
Nida LK60 cross connector	pcs.	2,5	2,5	2,5	2,5
Nida LW60 lengthwise connector	pcs.	0,9	0,9	0,9	0,9
Steel anchoring element [5]	pcs.	1,8	1,8	1,8	1,8
Nida 3.5x25 mm sheet metal screws	pcs.	6,0	6,0	6,0	6,0
Nida 3.5x35 mm sheet metal screws	pcs.	18,0	18,0	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	18,0	18,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,6	0,6	0,6	0,6
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1
Mineral wool [6]	m²	2,0	2,0	2,0	2,0

[5] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[6] Rock fibre mineral wool min. thickness 2x50 mm and min. bulk density 25 kg/m³.
The standards concerning the amount of utilised material do not cover the loss of the material.

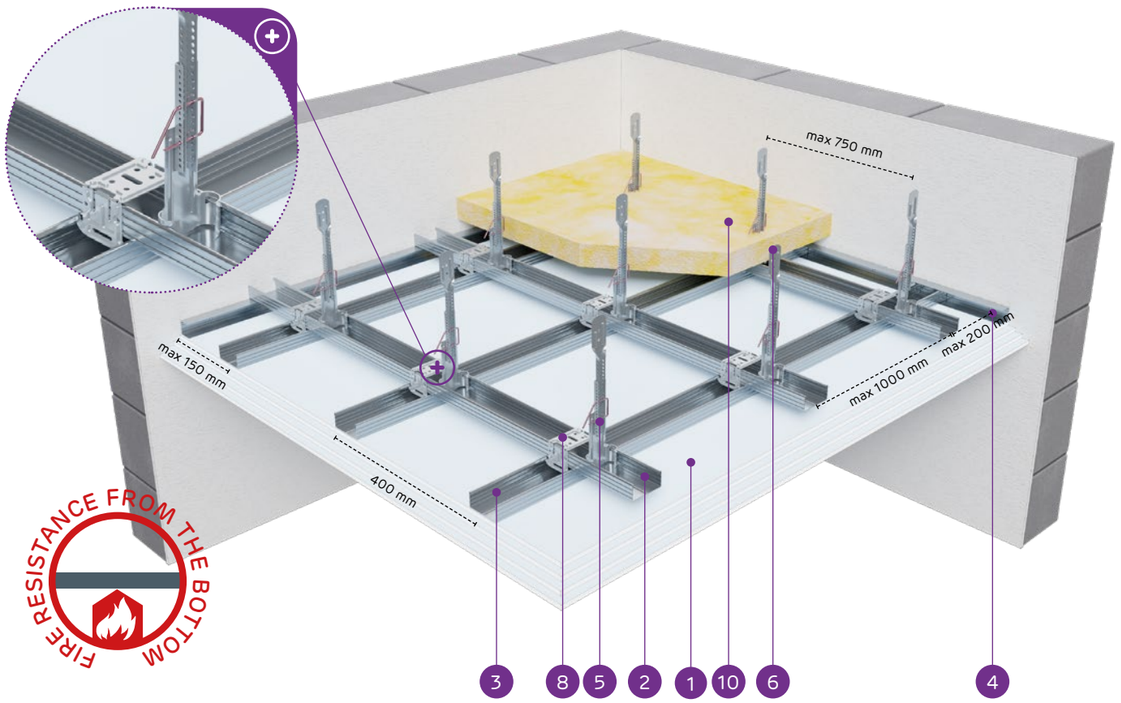
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
(R)EI60 (R)EI90 (R)EI120	87 kg/m²	247,5 mm	32,7-64,3 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0025/15.11.2016

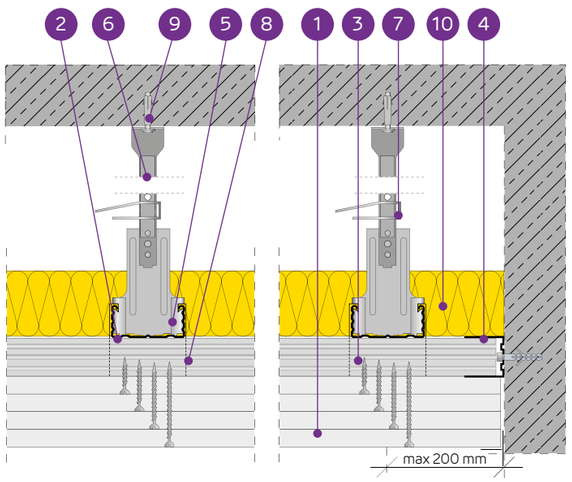
SYSTEMS:

DK/WON/CD60-37,5; DK/WON/CD60-40; DK/WON/CD60-55; DK/WON/CD60-60



MATERIALS:

1. Nida plasterboard
2. Nida CD 60 top main profile
3. Nida CD 60 bottom load-bearing profile
4. Nida UD 27 profile
5. Nida WON 60 bottom rotary nonius hanger
6. Nida WGN top nonius hanger
7. Siniat FAST-PIN nonius hanger pin
8. Nida LK60 cross connector
9. Steel anchoring element
10. Mineral wool (optional)



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

etex inspiring ways of living

Promat

Polski GPS

KONFEDERACJA BUDOWNICTWA I NIERUCHOMOŚCI

THE SYSTEM OF THE SUSPENDED CEILINGS ON THE DOUBLE-LEVEL NIDA CD60 (NIDA WON60) LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure				Plasterboard sheathing		Min. suspension height	Weight of 1m² of encasement	Fire resistance class	Max. load of Nida ceiling		Resistance to impact [3]
	Type of Nida profile	Max. spacing of the Nida CD60 main profiles	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the Nida suspension elements	Nida	Thickness				Without fire resistance [1]	With fire resistance [2]	
		[mm]	[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
DK/WON/CD60-37,5/Ogień+	CD60/CD60	1000	400	750	Ogień Plus	3x12,5	247,5	32,7	(R)EI60	49	7,5	1A
DK/WON/CD60-37,5/WodaOgień+	CD60/CD60	1000	400	750	Woda Ogień Plus	3x12,5	247,5	32,7	(R)EI60	49	7,5	1A
DK/WON/CD60-37,5/Twarda	CD60/CD60	1000	400	750	Twarda	3x12,5	247,5	41,1	(R)EI60	49	7,5	1A
DK/WON/CD60-37,5/Hydro	CD60/CD60	1000	400	750	Hydro	3x12,5	247,5	35,1	(R)EI60	49	7,5	1A
DK/WON/CD60-40/Ogień+	CD60/CD60	850	400	750	Ogień Plus	2x12,5+15,0	250	36,2	(R)EI90	58	7,5	1A
DK/WON/CD60-40/Twarda	CD60/CD60	850	400	750	Twarda	2x12,5+15,0	250	43,7	(R)EI90	58	7,5	1A
DK/WON/CD60-40/Hydro	CD60/CD60	850	400	750	Hydro	2x12,5+15,0	250	37,8	(R)EI90	58	7,5	1A
DK/WON/CD60-55/Ogień+	CD60/CD60	650	400	650	Ogień Plus	2x12,5+2x15,0	270	49,7	(R)EI120	87	7,5	1A
DK/WON/CD60-60/Ogień+	CD60/CD60	650	400	650	Ogień Plus	4x15,0	270	56,7	(R)EI120	87	7,5	1A
DK/WON/CD60-60/Twarda	CD60/CD60	650	400	650	Twarda	4x15,0	270	64,3	(R)EI120	87	7,5	1A
DK/WON/CD60-60/Hydro	CD60/CD60	650	400	650	Hydro	4x15,0	270	56,7	(R)EI120	87	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name										
		DK/WON/CD60-37,5/Ogień+	DK/WON/CD60-37,5/WodaOgień+	DK/WON/CD60-37,5/Twarda	DK/WON/CD60-37,5/Hydro	DK/WON/CD60-40/Ogień+	DK/WON/CD60-40/Twarda	DK/WON/CD60-40/Hydro	DK/WON/CD60-55/Ogień+	DK/WON/CD60-60/Ogień+	DK/WON/CD60-60/Twarda	DK/WON/CD60-60/Hydro
		Consumption of material per 1m²										
Nida Ogień Plus 12.5 mm plasterboard	m²	3,0	-	-	-	2,0	-	-	2,0	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	3,0	-	-	-	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	3,0	-	-	2,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m²	-	-	-	3,0	-	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	1,0	-	-	2,0	4,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	1,0	-	-	-	4,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	1,0	-	-	-	4,0
Nida CD60 profile	lm	3,5	3,5	3,5	3,5	3,7	3,7	3,7	4,1	4,1	4,1	4,1
Nida UD27 profile	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida WON 60 rotary nonius hanger [4]	pcs.	1,4	1,4	1,4	1,4	1,6	1,6	1,6	2,4	2,4	2,4	2,4
Nida WGN top nonius hanger	pcs.	1,4	1,4	1,4	1,4	1,6	1,6	1,6	2,4	2,4	2,4	2,4
Siniat FAST-PIN nonius hanger pin	pcs.	1,4	1,4	1,4	1,4	1,6	1,6	1,6	2,4	2,4	2,4	2,4
Nida LK60 cross connector	pcs.	2,5	2,5	2,5	2,5	3,0	3,0	3,0	3,9	3,9	3,9	3,9
Nida LW60 lengthwise connector	pcs.	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Steel anchoring element [5]	pcs.	2,0	2,0	2,0	2,0	2,2	2,2	2,2	3,0	3,0	3,0	3,0
Nida 3.5x25 mm sheet metal screws	pcs.	6,0	6,0	-	-	6,0	-	-	6,0	6,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	6,0	6,0	-	-	6,0	-	-	6,0	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	6,0	-	-
Nida 3.5x55 mm sheet metal screws	pcs.	18,0	18,0	-	-	18,0	-	-	6,0	6,0	-	-
Nida 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	18,0	18,0	-	-
FixDens 4.2 x 25 mm screws	pcs.	-	-	6,0	-	-	6,0	-	-	-	6,0	-
FixDens 4.2 x 42 mm screws	pcs.	-	-	6,0	-	-	6,0	-	-	-	6,0	-
FixDens 4.2 x 60 mm screws	pcs.	-	-	18,0	-	-	18,0	-	-	-	6,0	-
FixDens 4.5 x 80 mm screws	pcs.	-	-	-	-	-	-	-	-	-	18,0	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	6,0	-	-	6,0	-	-	-	6,0
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	6,0	-	-	6,0	-	-	-	6,0
Nida Hydro C5 3.5x55 mm sheet metal screws	pcs.	-	-	-	18,0	-	-	18,0	-	-	-	6,0
Nida Hydro C5 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	-	-	18,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,9	0,9	-	-	0,9	-	-	1,2	1,2	-	-
Nida Finish gypsum putty	kg	0,1	0,1	-	-	0,1	-	-	0,1	0,1	-	-
Nida Hydromix ready-to-use joint filler [6]	kg	-	-	1,0	1,0	-	1,0	1,0	-	-	1,3	1,3
Mineral wool [7]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[4] Can be replaced with the reinforced bottom nonius hanger.
[5] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[6] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[7] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

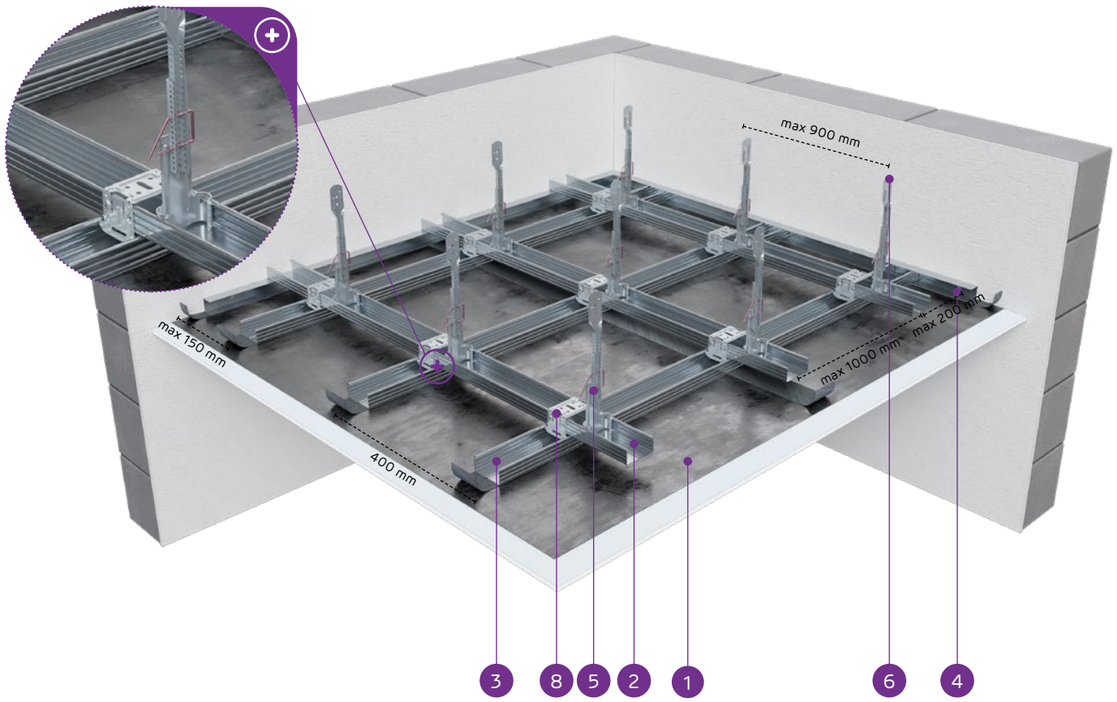
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
N/A	87 kg/m²	83 mm	18,6-47,1 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0027/15.11.2016

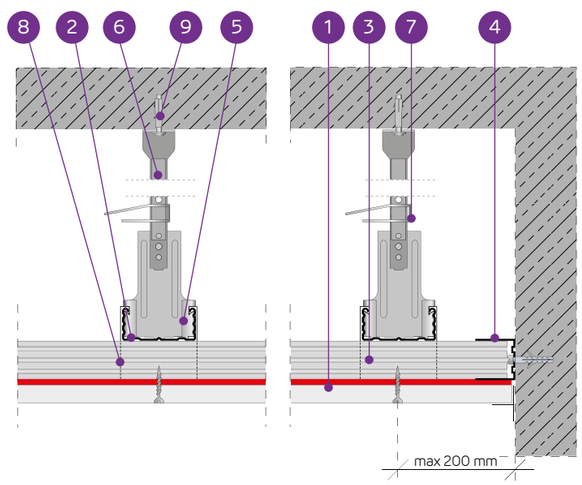
SYSTEMS:

DK/WON/CD60-13/RTG; DK/WON/CD60-13,5/RTG; DK/WON/CD60-14/RTG; DK/WON/CD60-14,5/RTG; DK/WON/CD60-15/RTG; DK/WON/CD60-15,5/RTG



MATERIALS:

1. Nida RTG plasterboard with lead coating
2. Nida CD 60 top main profile
3. Nida CD 60 bottom load-bearing profile
4. Nida UD 27 profile
5. Nida WON 60 bottom rotary nonius hanger
6. Nida WGN top nonius hanger
7. Siniat FAST-PIN nonius hanger pin
8. Nida LK60 cross connector
9. Steel anchoring element



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

etex inspiring ways of living

Promat

Polski GIPS

KONFEDERACJA BUDOWNICTWA I NIERUCHOMOŚCI

THE SYSTEM OF THE SUSPENDED CEILINGS ON THE DOUBLE-LEVEL NIDA CD60 (NIDA RTG) LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure				Plasterboard sheathing		Min. suspension height	Weight of 1m² of encasement	Fire resistance class	Max. load of Nida ceiling	Resistance to impact [2]
	Type of Nida profile	Max. spacing of the Nida CD60 main profiles	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the Nida suspension elements	Nida	Thickness				Without fire resistance [1]	
		[mm]	[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	Class
DK/WON/CD60-13/RTG	CD60/CD60	1000	400	900	RTG	12,5 + 0,5	83,0	18,6	-	31	1A
DK/WON/CD60-13,5/RTG	CD60/CD60	1000	400	850	RTG	12,5 + 1,0	83,5	24,3	-	36	1A
DK/WON/CD60-14/RTG	CD60/CD60	1000	400	750	RTG	12,5 + 1,5	84,0	30,0	-	49	1A
DK/WON/CD60-14,5/RTG	CD60/CD60	1000	400	750	RTG	12,5 + 2,0	84,5	35,7	-	49	1A
DK/WON/CD60-15/RTG	CD60/CD60	850	400	750	RTG	12,5 + 2,5	85,0	41,4	-	58	1A
DK/WON/CD60-15,5/RTG	CD60/CD60	650	400	650	RTG	12,5 + 3,0	85,5	47,1	-	87	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name					
		DK/WON/ CD60-13/RTG	DK/WON/ CD60-13,5/RTG	DK/WON/ CD60-14/RTG	DK/WON/ CD60-14,5/RTG	DK/WON/ CD60-15/RTG	DK/WON/ CD60-15,5/RTG
		Consumption of material per 1m²					
Nida RTG 12.5 mm + 0.5 mm plasterboard	m²	1,0	-	-	-	-	-
Nida RTG 12.5 mm + 1.0 mm plasterboard	m²	-	1,0	-	-	-	-
Nida RTG 12.5 mm + 1.5 mm plasterboard	m²	-	-	1,0	-	-	-
Nida RTG 12.5 mm + 2.0 mm plasterboard	m²	-	-	-	1,0	-	-
Nida RTG 12.5 mm + 2.5 mm plasterboard	m²	-	-	-	-	1,0	-
Nida RTG 12.5 mm + 3.0 mm plasterboard	m²	-	-	-	-	-	1,0
Nida CD60 profile	lm	3,5	3,5	3,5	3,5	3,5	3,5
Nida UD27 profile	lm	0,6	0,6	0,6	0,6	0,6	0,6
Nida ES60, EL60, WP60, WON60 fixing element (set)	pcs.	1,2	1,2	1,2	1,2	1,2	1,2
Siniat FAST-PIN nonius hanger pin [3]	pcs.	1,2	1,2	1,2	1,2	1,2	1,2
Nida LK60 cross connector	pcs.	2,5	2,5	2,5	2,5	2,5	2,5
Nida LW60 lengthwise connector	pcs.	0,9	0,9	0,9	0,9	0,9	0,9
Steel anchoring element [4]	pcs.	1,8	1,8	1,8	1,8	1,8	1,8
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal [5]	pcs.	4,8	4,8	4,8	4,8	4,8	4,8
Nida 3.5x35 mm sheet metal screws	pcs.	18,0	18,0	18,0	18,0	18,0	18,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4
Nida RTG tape with lead (self-adhesive) [6]	lm	[7]	[7]	[7]	[7]	[7]	[7]
Nida Start gypsum putty	kg	0,3	0,3	0,3	0,3	0,3	0,3
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1	0,1	0,1
Mineral wool [8]	m²	1,0	1,0	1,0	1,0	1,0	1,0

[3] Applies for the suspension elements constructed as a complete nonius hanger, which include: the Nida WON 60 bottom rotary nonius hanger (alternatively the bottom reinforced nonius hanger can be utilised), extension for the Nida nonius, the Nida WGN top nonius hanger.
[4] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[5] Applies when the suspension elements for fixing the Nida ES60, EL60 are utilised.
[6] Selection of the lead tape thickness according to the type of the applied sheathing.
[7] Consumption depending on the demand and the encasement type.
[8] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

www.siniat.pl

Nida systems search engine
www.systemynida.pl

Explore the characteristics of the Nida RTG board – enter www.siniat.pl and download the brochure!

Siniat Accessories

PROFESSIONAL SYSTEM SOLUTIONS

Simple and safe solutions for suspending Siniat ceilings in difficult conditions

- Effective solutions
- Simple assembly
- Elements protected with an innovative coating resistant to C5 corrosive environments

Nida KKS clip for steel structures

The Nida KKS clip enables to attach ceiling hangers to horizontal elements of the building's steel structure, sucha as e.g. steel I-beams.

Nida WBT hanger for trapezoidal metal sheet

The Nida WBT hanger for trapezoidal metal sheet enables to create a connection between ceiling hangers and trapezoidal metal sheet.

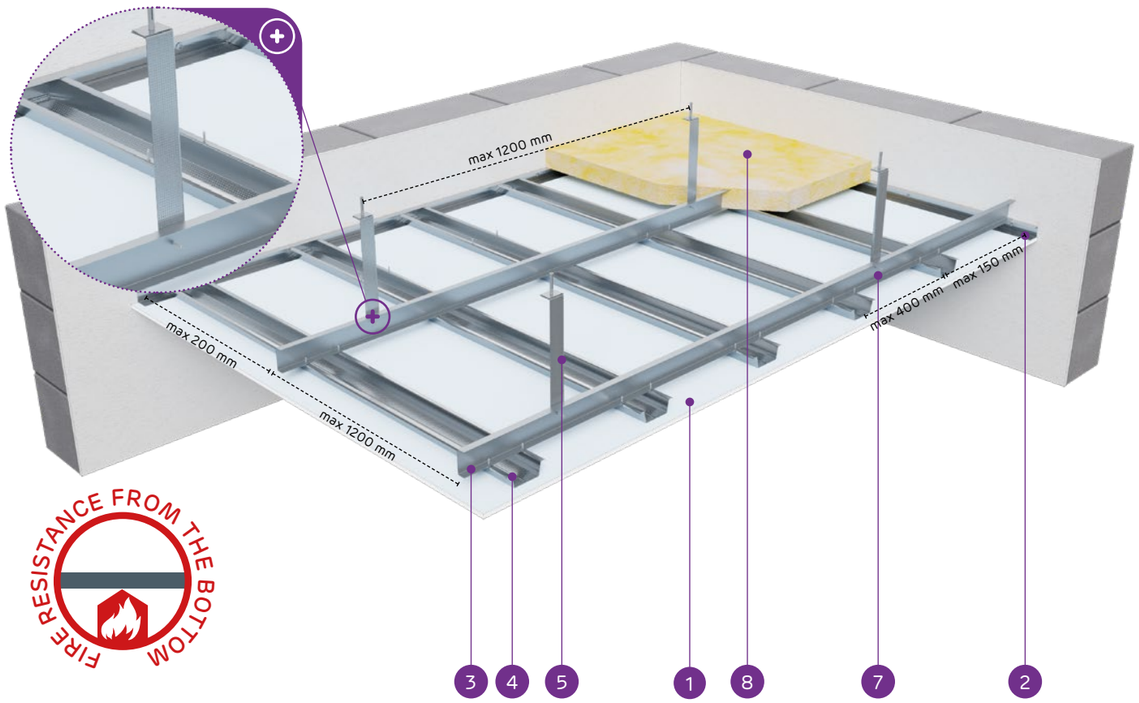
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
(R)EI20 (R)EI30	31 kg/m²	82,5 mm	10,9-18,1 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0030/15.11.2016

SYSTEMS:

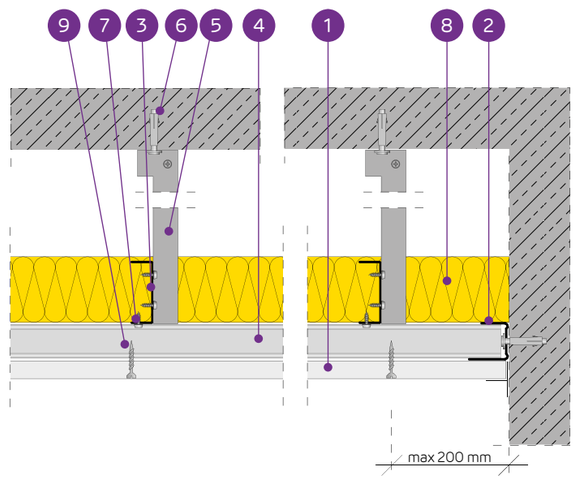
DK/MFC-12,5; DK/MFC-15; DK/MFC-18



FIRE RESISTANCE FROM THE BOTTOM

MATERIALS:

1. Nida plasterboard
2. NIDA MFCE26 wall profile
3. NIDA MFCP44 main profile
4. NIDA MFCC50 ceiling profile
5. NIDA MFC2330 ceiling angle profile
6. Steel anchoring element
7. FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal
8. Mineral wool (optional)
9. Nida 3.5x25 mm sheet metal screws



THE SYSTEM OF THE SUSPENDED CEILINGS ON THE DOUBLE-LEVEL NIDA MF LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure				Plasterboard sheathing		Min. suspension height	Weight of 1m² of encasement	Fire resistance class	Max. load of Nida ceiling		Resistance to impact [3]
	Type of Nida profile	Max. spacing of the Nida MF main profiles	Max. spacing of the Nida load-bearing profiles MF	Max. spacing of the Nida suspension elements	Nida	Thickness				Without fire resistance [1]	With fire resistance [2]	
		[mm]	[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
DK/MFC-12,5/Expert	MFCP44/MFCC50	1200	400	1200	Expert	12,5	82,5	10,9	-	31	-	1A
DK/MFC-12,5/Woda [4]	MFCP44/MFCC50	1200	400	1200	Woda	12,5	82,5	11,4	-	31	-	1A
DK/MFC-12,5/Ogień+	MFCP44/MFCC50	1200	400	1200	Ogień Plus	12,5	82,5	12,7	(R)EI20	31	7,5	1A
DK/MFC-12,5/WodaOgień+	MFCP44/MFCC50	1200	400	1200	Woda Ogień Plus	12,5	82,5	12,7	(R)EI20	31	7,5	1A
DK/MFC-12,5/Twarda	MFCP44/MFCC50	1200	400	1200	Twarda	12,5	82,5	15,5	(R)EI20	31	7,5	1A
DK/MFC-12,5/Hydro	MFCP44/MFCC50	1200	400	1200	Hydro	12,5	82,5	13,5	(R)EI20	31	7,5	1A
DK/MFC-15/Ogień+	MFCP44/MFCC50	1200	400	1200	Ogień Plus	15,0	85	16,2	(R)EI20	31	7,5	1A
DK/MFC-15/Twarda	MFCP44/MFCC50	1200	400	1200	Twarda	15,0	85	18,1	(R)EI20	31	7,5	1A
DK/MFC-15/Hydro	MFCP44/MFCC50	1200	400	1200	Hydro	15,0	85	16,2	(R)EI20	31	7,5	1A
DK/MFC-18/Ogień+	MFCP44/MFCC50	1200	400	1200	Ogień Plus	18,0	88	16,9	(R)EI30	31	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[4] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name									
		DK/MFC-12,5/ Expert	DK/MFC-12,5/ Woda	DK/MFC-12,5/ Ogień+	DK/MFC-12,5/ WodaOgień+	DK/MFC-12,5/ Twarda	DK/MFC-12,5/ Hydro	DK/MFC-15/ Ogień+	DK/MFC-15/ Twarda	DK/MFC-15/ Hydro	DK/MFC-18/ Ogień+
		Consumption of material per 1m²									
Nida Expert 12.5 mm plasterboard	m²	1,0	-	-	-	-	-	-	-	-	-
Nida Woda 12.5 mm plasterboard	m²	-	1,0	-	-	-	-	-	-	-	-
Nida Ogień Plus 12.5 mm plasterboard	m²	-	-	1,0	-	-	-	-	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	-	-	1,0	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	-	-	1,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m²	-	-	-	-	-	1,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	1,0	-	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	1,0	-	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	1,0	-
Nida Ogień Plus 18.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	1,0
NIDA MFCE26 wall profile	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida MFCP44 main profile	lm	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0
Nida MFCC50 ceiling profile	lm	2,8	2,8	2,8	2,8	2,8	2,8	2,8	2,8	2,8	2,8
Nida MFC2330 ceiling angle profile [5]	lm	0,4	0,4	0,4	0,4	0,4	0,4	0,4	0,4	0,4	0,4
Steel anchoring element [6]	pcs.	1,3	1,3	1,3	1,3	1,3	1,3	1,3	1,3	1,3	1,3
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	9,0	9,0	9,0	9,0	9,0	9,0	9,0	9,0	9,0	9,0
Nida 3.5x25 mm sheet metal screws	pcs.	18,0	18,0	18,0	18,0	-	-	18,0	-	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	-	18,0
FixDens 4.2 x 25 mm screws	pcs.	-	-	-	-	18,0	-	-	18,0	-	-
Nida Hydro CS 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	18,0	-	-	18,0	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,3	0,3	0,3	0,3	-	-	0,3	-	-	0,3
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1	-	-	0,1	-	-	0,1
Nida Hydromix ready-to-use joint filler [7]	kg	-	-	-	-	0,4	0,4	-	0,4	0,4	-
Mineral wool [8]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[5] The assumed suspension height was 500 mm.
[6] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[7] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[8] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

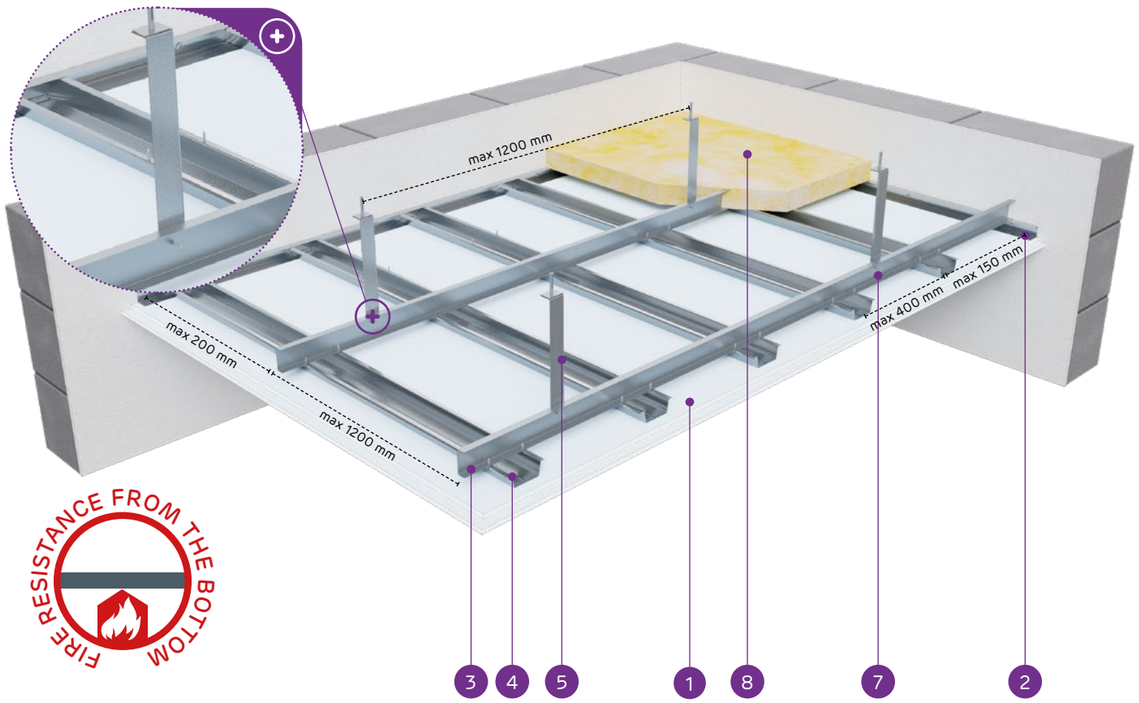
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
(R)EI30 (R)EI45 (R)EI60	41 kg/m²	95 mm	19,1-33,5 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0030/15.11.2016

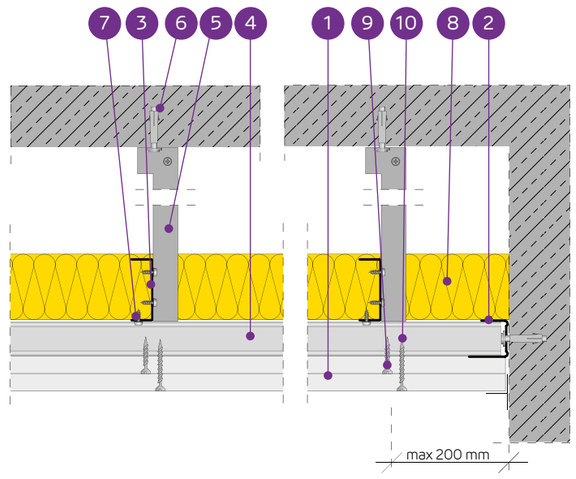
SYSTEMS:

DK/MFC-25; DK/MFC-27,5; DK/MFC-30



MATERIALS:

1. Nida plasterboard
2. NIDA MFCE26 wall profile
3. NIDA MFCP44 main profile
4. NIDA MFCC50 ceiling profile
5. NIDA MFC2330 ceiling angle profile
6. Steel anchoring element
7. FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal
8. Mineral wool
9. Nida 3.5x25 mm sheet metal screws
10. Nida 3.5x35 mm sheet metal screws



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

etex inspiring ways of living

Promat

Polski GPS

KONFEDERACJA BUDOWNICTWA I NIERUCHOMOŚCI

THE SYSTEM OF THE SUSPENDED CEILINGS ON THE DOUBLE-LEVEL NIDA MF LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure				Plasterboard sheathing		Min. suspension height	Weight of 1m² of encasement	Fire resistance class	Max. load of Nida ceiling		Resistance to impact [3]
	Type of Nida profile	Max. spacing of the Nida MF main profiles	Max. spacing of the Nida load-bearing profiles MF	Max. spacing of the Nida suspension elements	Nida	Thickness				Without fire resistance [1]	With fire resistance [2]	
		[mm]	[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
DK/MFC-25/Expert	MFCP44/MFCC50	1200	400	1200	Expert	2x12,5	95	19,1	-	31	-	1A
DK/MFC-25/Woda [4]	MFCP44/MFCC50	1200	400	1200	Woda	2x12,5	95	20,1	-	31	-	1A
DK/MFC-25/OgieńTypF	MFCP44/MFCC50	1200	400	1200	Ogień Typ F	2x12,5	95	19,9	(R)EI30	31	13,3	1A
DK/MFC-25/Ogień+	MFCP44/MFCC50	1200	400	1200	Ogień Plus	2x12,5	95	22,7	(R)EI45	31	7,5	1A
DK/MFC-25/WodaOgień+	MFCP44/MFCC50	1200	400	1200	Woda Ogień Plus	2x12,5	95	22,7	(R)EI45	31	7,5	1A
DK/MFC-25/Twarda	MFCP44/MFCC50	1200	400	1200	Twarda	2x12,5	95	28,3	(R)EI45	31	7,5	1A
DK/MFC-25/Hydro	MFCP44/MFCC50	1200	400	1200	Hydro	2x12,5	95	24,3	(R)EI45	31	7,5	1A
DK/MFC-27,5/Ogień+ [5]	MFCP44/MFCC50	900	400	1200	Ogień Plus	1x12,5+1x15,0	97,5	27,0	(R)EI60	41	7,5	1A
DK/MFC-30/Ogień+	MFCP44/MFCC50	900	400	1200	Ogień Plus	2x15,0	100	29,7	(R)EI60	41	7,5	1A
DK/MFC-30/Twarda	MFCP44/MFCC50	900	400	1200	Twarda	2x15,0	100	33,5	(R)EI60	41	7,5	1A
DK/MFC-30/Hydro	MFCP44/MFCC50	900	400	1200	Hydro	2x15,0	100	29,7	(R)EI60	41	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[4] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).
[5] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name										
		DK/MFC-25/ Expert	DK/MFC-25/ Woda	DK/MFC-25/ OgieńTypF	DK/MFC-25/ Ogień+	DK/MFC-25/ WodaOgień+	DK/MFC-25/ Twarda	DK/MFC-25/ Hydro	DK/MFC-27,5/ Ogień+	DK/MFC-30/ Ogień+	DK/MFC-30/ Twarda	DK/MFC-30/ Hydro
		Consumption of material per 1m²										
Nida Expert 12.5 mm plasterboard	m²	2,0	-	-	-	-	-	-	-	-	-	-
Nida Woda 12.5 mm plasterboard	m²	-	2,0	-	-	-	-	-	-	-	-	-
Nida Ogień Type F 12.5 mm plasterboard	m²	-	-	2,0	-	-	-	-	-	-	-	-
Nida Ogień Plus 12.5 mm plasterboard	m²	-	-	-	2,0	-	-	-	1,0	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	-	-	-	2,0	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	-	-	-	2,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m²	-	-	-	-	-	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	1,0	2,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	2,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	-	2,0
NIDA MFCE26 wall profile	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida MFCP44 main profile	lm	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0
Nida MFCC50 ceiling profile	lm	2,8	2,8	2,8	2,8	2,8	2,8	2,8	2,8	2,8	2,8	2,8
Nida MFC2330 ceiling angle profile [6]	lm	0,4	0,4	0,4	0,4	0,4	0,4	0,4	0,4	0,4	0,4	0,4
Steel anchoring element [7]	pcs.	1,3	1,3	1,3	1,3	1,3	1,3	1,3	1,3	1,3	1,3	1,3
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	9,0	9,0	9,0	9,0	9,0	9,0	9,0	9,0	9,0	9,0	9,0
Nida 3.5x25 mm sheet metal screws	pcs.	6,0	6,0	6,0	6,0	6,0	-	-	6,0	6,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	18,0	18,0	18,0	18,0	18,0	-	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	18,0	18,0	-	-
FixDens 4.2 x 25 mm screws	pcs.	-	-	-	-	-	6,0	-	-	-	6,0	-
FixDens 4.2 x 42 mm screws	pcs.	-	-	-	-	-	18,0	-	-	-	-	-
FixDens 4.2 x 60 mm screws	pcs.	-	-	-	-	-	-	-	-	-	18,0	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	-	6,0	-	-	-	6,0
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	-	-	18,0	-	-	-	18,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,6	0,6	0,6	0,6	0,6	-	-	0,6	0,6	-	-
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1	0,1	-	-	0,1	0,1	-	-
Nida Hydromix ready-to-use joint filler [8]	kg	-	-	-	-	-	0,7	0,7	-	-	0,7	0,7
Mineral wool [9]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[6] The assumed suspension height was 500 mm.
[7] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[8] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[9] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

www.siniat.pl

Nida systems search engine
www.systemynida.pl

Calculator of the Nida systems
www.siniat.pl/kalkulatory

Follow us on:

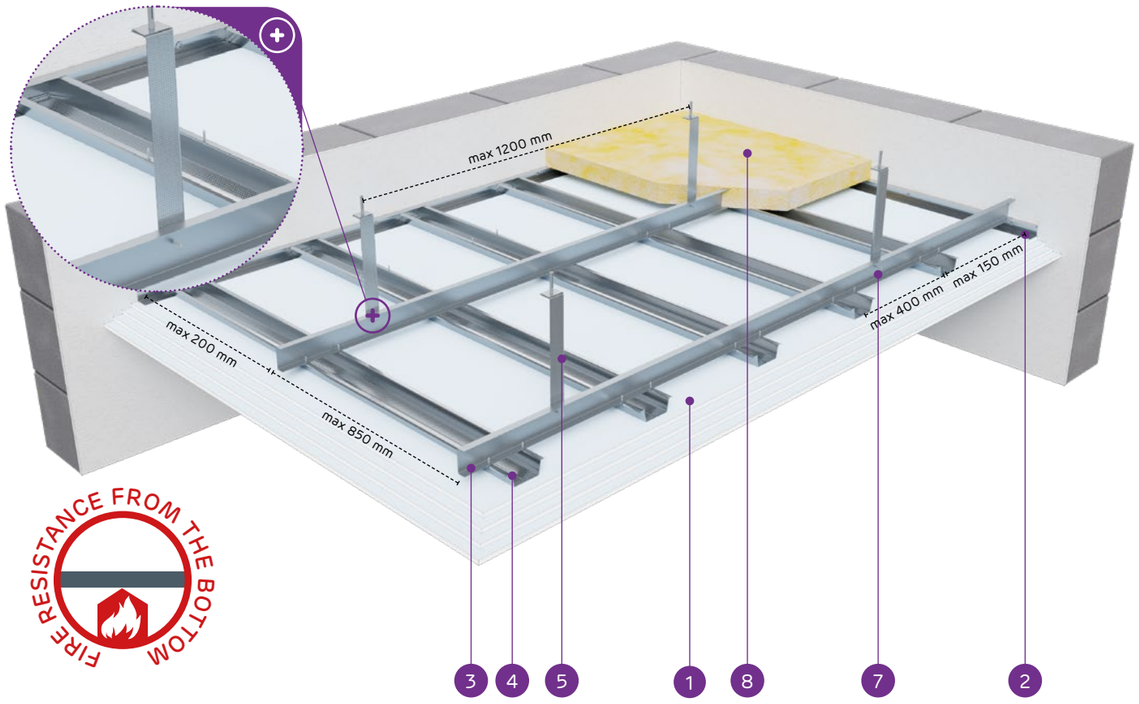
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
(R)EI60 (R)EI90 (R)EI120	73 kg/m²	107,5 mm	32,7-64,3 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0030/15.11.2016

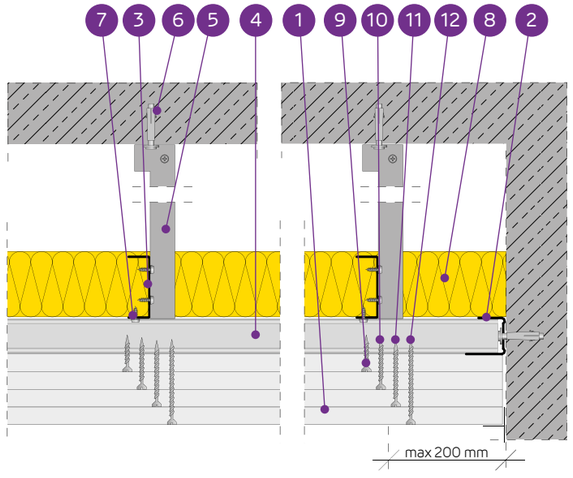
SYSTEMS:

DK/MFC-37,5; DK/MFC-40; DK/MFC-55; DK/MFC-60



MATERIALS:

1. Nida plasterboard
2. NIDA MFCE26 wall profile
3. NIDA MFCP44 main profile
4. NIDA MFCC50 ceiling profile
5. NIDA MFC2330 ceiling angle profile
6. Steel anchoring element
7. FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal
8. Mineral wool (optional)
9. Nida 3.5x25 mm sheet metal screws
10. Nida 3.5x35 mm sheet metal screws
11. Nida 3.5x55 mm sheet metal screws
12. Nida 4.2x70 mm sheet metal screws



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

THE SYSTEM OF THE SUSPENDED CEILINGS ON THE DOUBLE-LEVEL NIDA MF LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure				Plasterboard sheathing		Min. suspension height	Weight of 1m² of encasement	Fire resistance class	Max. load of Nida ceiling		Resistance to impact [3]
	Type of Nida profile	Max. spacing of the Nida MF main profiles	Max. spacing of the Nida load-bearing profiles MF	Max. spacing of the Nida suspension elements	Nida	Thickness				Without fire resistance [1]	With fire resistance [2]	
		[mm]	[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
DK/MFC-37,5/Ogień+	MFCP44/MFCC50	850	400	1200	Ogień Plus	3x12,5	107,5	32,7	(R)EI60	43	7,5	1A
DK/MFC-37,5/WodaOgień+	MFCP44/MFCC50	850	400	1200	Woda Ogień Plus	3x12,5	107,5	32,7	(R)EI60	43	7,5	1A
DK/MFC-37,5/Twarda	MFCP44/MFCC50	850	400	1200	Twarda	3x12,5	107,5	41,1	(R)EI60	43	7,5	1A
DK/MFC-37,5/Hydro	MFCP44/MFCC50	850	400	1200	Hydro	3x12,5	107,5	35,1	(R)EI60	43	7,5	1A
DK/MFC-40/Ogień+	MFCP44/MFCC50	800	400	1200	Ogień Plus	2x12,5+15,0	110	36,2	(R)EI90	46	7,5	1A
DK/MFC-40/Twarda	MFCP44/MFCC50	800	400	1200	Twarda	2x12,5+15,0	110	43,7	(R)EI90	46	7,5	1A
DK/MFC-40/Hydro	MFCP44/MFCC50	800	400	1200	Hydro	2x12,5+15,0	110	37,8	(R)EI90	46	7,5	1A
DK/MFC-55/Ogień+	MFCP44/MFCC50	500	400	1200	Ogień Plus	2x12,5+2x15,0	130	49,7	(R)EI120	73	7,5	1A
DK/MFC-60/Ogień+	MFCP44/MFCC50	500	400	1200	Ogień Plus	4x15,0	130	56,7	(R)EI120	73	7,5	1A
DK/MFC-60/Twarda	MFCP44/MFCC50	500	400	1200	Twarda	4x15,0	130	64,3	(R)EI120	73	7,5	1A
DK/MFC-60/Hydro	MFCP44/MFCC50	500	400	1200	Hydro	4x15,0	130	56,7	(R)EI120	73	7,5	1A

[1] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[2] The additional load based on the fire classification LBO-056-KZ/22.
[3] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name										
		DK/MFC-37,5/ Ogień+	DK/MFC-37,5/ WodaOgień+	DK/MFC-37,5/ Twarda	DK/MFC-37,5/ Hydro	DK/MFC-40/ Ogień+	DK/MFC-40/ Twarda	DK/MFC-40/ Hydro	DK/MFC-55/ Ogień+	DK/MFC-60/ Ogień+	DK/MFC-60/ Twarda	DK/MFC-60/ Hydro
		Consumption of material per 1m²										
Nida Ogień Plus 12.5 mm plasterboard	m²	3,0	-	-	-	2,0	-	-	2,0	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	3,0	-	-	-	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	3,0	-	-	2,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m²	-	-	-	3,0	-	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	1,0	-	-	2,0	4,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	1,0	-	-	-	4,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	1,0	-	-	-	4,0
NIDA MFCE26 wall profile	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida MFCP44 main profile	lm	1,3	1,3	1,3	1,3	1,3	1,3	1,3	1,9	1,9	1,9	1,9
Nida MFCC50 ceiling profile	lm	2,8	2,8	2,8	2,8	2,8	2,8	2,8	2,8	2,8	2,8	2,8
Nida MFC2330 ceiling angle profile [4]	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,8	0,8	0,8	0,8
Steel anchoring element [5]	pcs.	1,6	1,6	1,6	1,6	1,6	1,6	1,6	2,0	2,0	2,0	2,0
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	10,0	10,0	10,0	10,0	10,0	10,0	10,0	11,0	11,0	11,0	11,0
Nida 3.5x25 mm sheet metal screws	pcs.	6,0	6,0	-	-	6,0	-	-	6,0	6,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	6,0	6,0	-	-	6,0	-	-	6,0	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	6,0	-	-
Nida 3.5x55 mm sheet metal screws	pcs.	18,0	18,0	-	-	18,0	-	-	6,0	6,0	-	-
Nida 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	18,0	18,0	-	-
FixDens 4.2 x 25 mm screws	pcs.	-	-	6,0	-	-	6,0	-	-	-	6,0	-
FixDens 4.2 x 42 mm screws	pcs.	-	-	6,0	-	-	6,0	-	-	-	6,0	-
FixDens 4.2 x 60 mm screws	pcs.	-	-	18,0	-	-	18,0	-	-	-	6,0	-
FixDens 4.5 x 80 mm screws	pcs.	-	-	-	-	-	-	-	-	-	18,0	-
Nida Hydro CS 3.5x25 mm sheet metal screws	pcs.	-	-	-	6,0	-	-	6,0	-	-	-	6,0
Nida Hydro CS 3.5x41 mm sheet metal screws	pcs.	-	-	-	6,0	-	-	6,0	-	-	-	6,0
Nida Hydro CS 3.5x55 mm sheet metal screws	pcs.	-	-	-	18,0	-	-	18,0	-	-	-	6,0
Nida Hydro CS 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	-	-	18,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,9	0,9	-	-	0,9	-	-	1,2	1,2	-	-
Nida Finish gypsum putty	kg	0,1	0,1	-	-	0,1	-	-	0,1	0,1	-	-
Nida Hydromix ready-to-use joint filler [6]	kg	-	-	1,0	1,0	-	1,0	1,0	-	-	1,3	1,3
Mineral wool [7]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[4] The assumed suspension height was 500 mm.
[5] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[6] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[7] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

www.siniat.pl
Nida systems search engine
www.systemynida.pl
Calculator of the Nida systems
www.siniat.pl/kalkulatory
Follow us on:

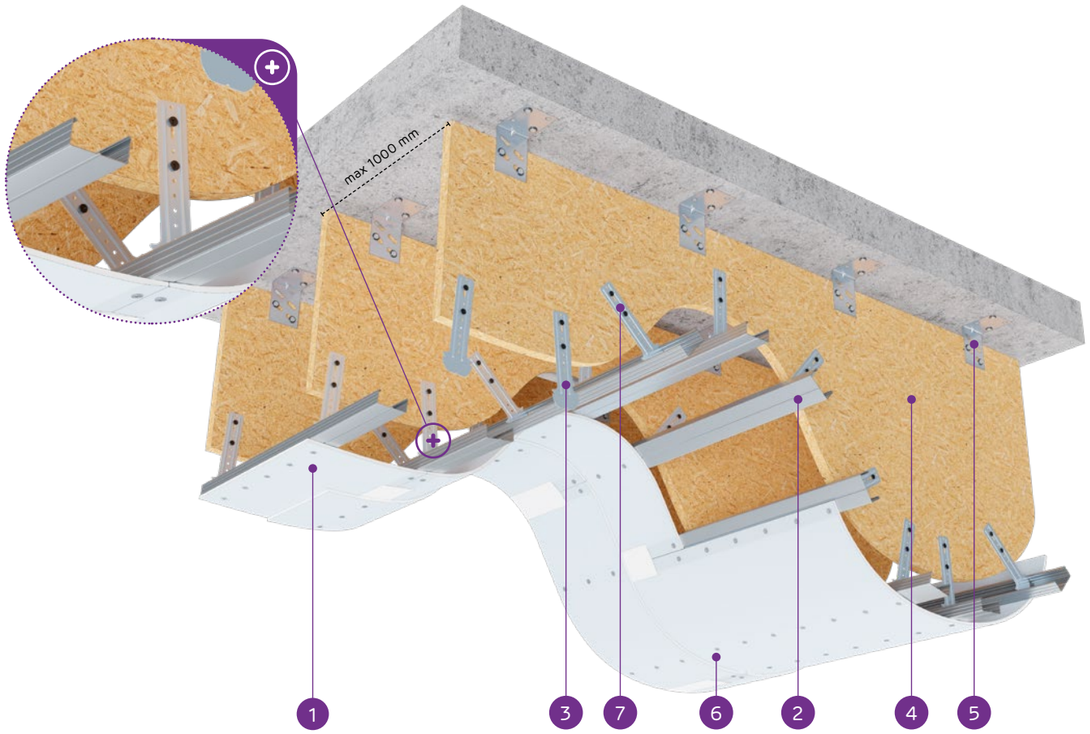
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
N/A	N/A	acc. to the encasement type	12,0 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0022/15.11.2016

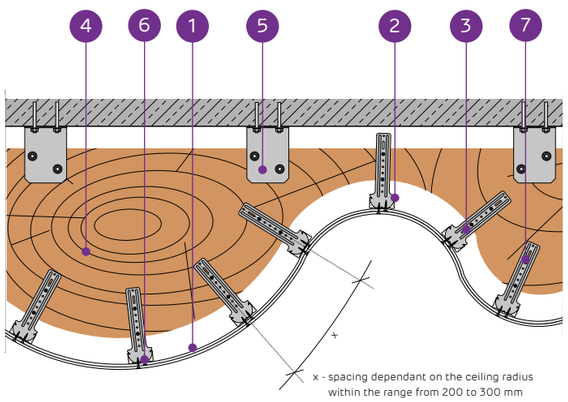
SYSTEMS:

ES/CD60-12,5/GIĘTA; EL/CD60-12,5/GIĘTA; WP/CD60-12,5/GIĘTA



MATERIALS:

1. Nida Gięta 6.25 mm plasterboard
2. Nida CD 60 profile
3. Encasement suspension element (WP60, ES60, EL60)
4. Template of plywood or OSB board
5. Fixing angle profile
6. Nida 3.5x25 mm sheet metal screws
7. Nida wood screws



THE SYSTEM OF THE SUSPENDED CEILINGS ON THE NIDA CD60 LOAD-BEARING STRUCTURE (CYLINDRICAL SURFACE)

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure				Plasterboard sheathing		Weight of 1m² of encasement	Fire resistance class	Resistance to impact[1]
	Type of Nida profile	Max. spacing of the Nida CD60 main profiles	Type of suspension elements	Max. spacing of the Nida suspension elements	Nida	Thickness			
		[mm]	Nida	[mm]		[mm]	[kg]	[min]	Class
ES/CD60-12,5/Gięta	CD60	300	ES	1000	Gięta	2x6,5	12,0	-	1A
EL/CD60-12,5/Gięta	CD60	300	EL	1000	Gięta	2x6,5	12,0	-	1A
WP/CD60-12,5/Gięta	CD60	300	WP	1000	Gięta	2x6,5	12,0	-	1A

[1] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name		
		ES/CD60-12,5/Gięta	EL/CD60-12,5/Gięta	WP/CD60-12,5/Gięta
		Consumption of material per 1m²		
Nida Gięta 6.25 mm plasterboard	m²	2,0	2,0	2,0
Nida CD60 profile	lm	4,5	4,5	4,5
Nida ES60 fixing element	pcs.	5,0	-	-
Nida EL60 fixing element	pcs.	-	5,0	-
Nida WP60 loft hanger	pcs.	-	-	5,0
Nida LW60 lengthwise connector	pcs.	1,3	1,3	1,3
Steel anchoring element[2]	pcs.	5,0	5,0	5,0
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	20,0	20,0	20,0
Nida 3.5x25 mm sheet metal screws	pcs.	24,0	24,0	24,0
Nida reinforcement tape	lm	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,6	0,6	0,6
Nida Finish gypsum putty	kg	0,2	0,2	0,2
Mineral wool[3]	m²	1,0	1,0	1,0

[2] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[3] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

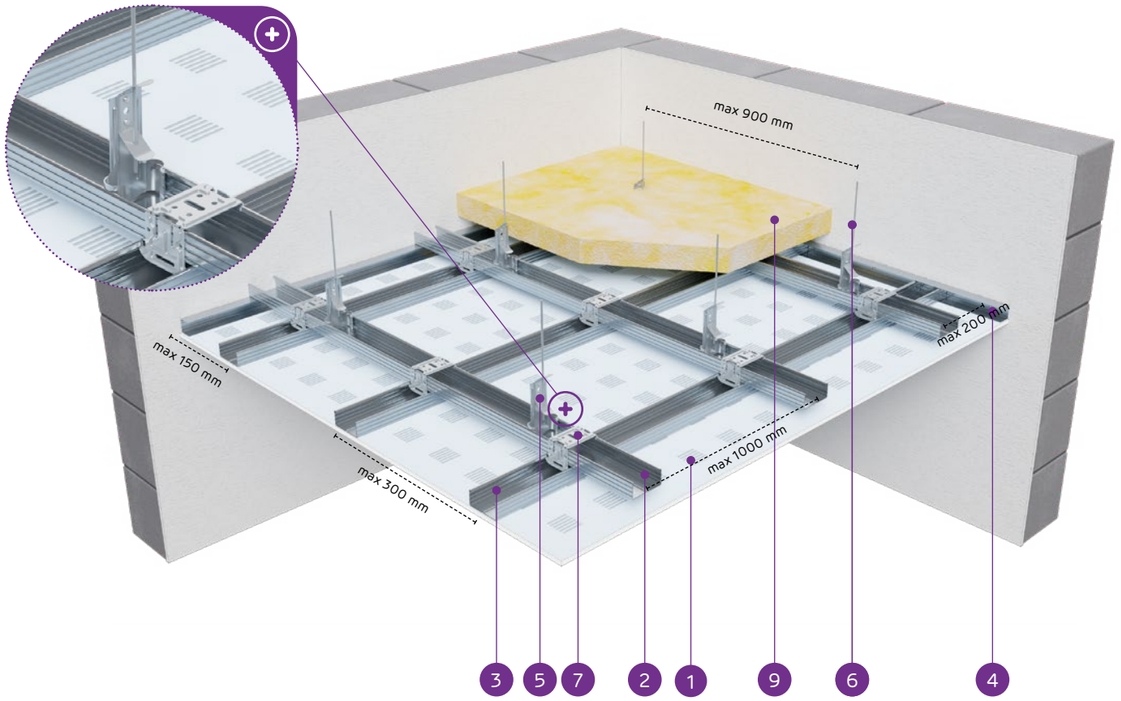
nida Sufit

Fire resistance class:	Sound absorption coefficient:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
N/A	0,70 dB	400 mm	10,0 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0026/15.11.2016

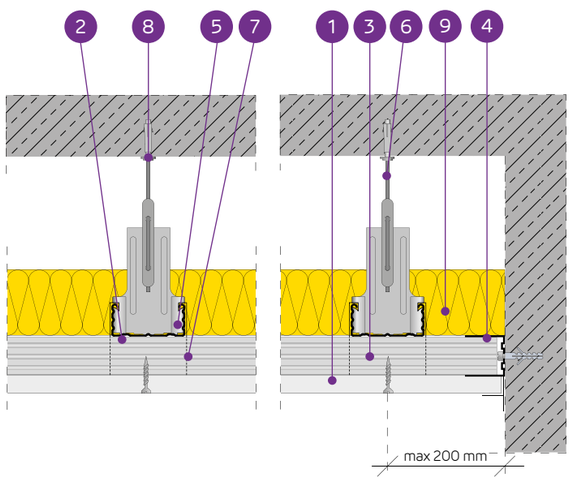
SYSTEMS:

DK/WO/CD60-12,5/SONIC



MATERIALS:

1. Nida Sonic 12.5 mm perforated plasterboard
2. Nida CD 60 top main profile
3. Nida CD 60 bottom load-bearing profile
4. Nida UD 27 profile
5. Nida WO60 rotary hanger
6. Nida fixing rod
7. Nida LK60 cross connector
8. Steel anchoring element
9. Mineral wool (optional)



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

etex inspiring ways of living

Promat

KONFEDERACJA BUDOWNICTWA I NIERUCHOMOŚCI

THE SYSTEM OF THE ACOUSTIC SUSPENDED CEILINGS ON THE NIDA CD60 LOAD-BEARING STRUCTURE (NIDA SONIC n0)

TECHNICAL PARAMETERS

Nida Sufit system name	Plasterboard sheathing			Load-bearing structure [1]				Insulation material		Suspension height	Sound absorption coefficient [2]	Weight of 1m² of encasement [3]	Fire resistance class	Resistance to impact [4]
	Nida	Thickness [mm]	Marking acc. to standard	Type of Nida profile	Spacing of the Nida WO60 suspension elements [1]	Spacing of the Nida CD60 main profiles	Spacing of the Nida CD60 load-bearing profiles							
					[mm]	[mm]	[mm]	Mineral wool	[mm]	[mm]	α_w	[kg]	[min]	Class
DK/WO/CD60-12,5/ SonicR6n0	Sonic R6n0	12,5	A	CD60	900	1000	300	glass wool	40	400	0,45	10,0	-	1A
DK/WO/CD60-12,5/ SonicR8n0	Sonic R8n0	12,5	A	CD60	900	1000	300	glass wool	40	400	0,65	10,0	-	1A
DK/WO/CD60-12,5/ SonicR10n0	Sonic R10n0	12,5	A	CD60	900	1000	300	glass wool	40	400	0,65	10,0	-	1A
DK/WO/CD60-12,5/ SonicR12n0	Sonic R12n0	12,5	A	CD60	900	1000	300	glass wool	40	400	0,70	10,0	-	1A
DK/WO/CD60-12,5/ SonicR15n0	Sonic R15n0	12,5	A	CD60	900	1000	300	glass wool	40	400	0,70	10,0	-	1A
DK/WO/CD60-12,5/ SonicRN8/15/20n0	Sonic RN8/15/20n0	12,5	A	CD60	900	1000	300	glass wool	40	400	0,45	10,0	-	1A
DK/WO/CD60-12,5/ SonicR8/12n0	Sonic R8/12n0	12,5	A	CD60	900	1000	300	glass wool	40	400	0,60	10,0	-	1A
DK/WO/CD60-12,5/ SonicR12/20n0	Sonic R12/20n0	12,5	A	CD60	900	1000	300	glass wool	40	400	0,70	10,0	-	1A
DK/WO/CD60-12,5/ SonicRN12/20/35n0	Sonic RN12/20/35n0	12,5	A	CD60	900	1000	300	-	-	400	0,40	10,0	-	1A
DK/WO/CD60-12,5/ SonicC8n0	Sonic C8n0	12,5	A	CD60	900	1000	300	-	-	400	0,60	10,0	-	1A
DK/WO/CD60-12,5/ SonicC12n0	Sonic C12n0	12,5	A	CD60	900	1000	300	-	-	400	0,55	10,0	-	1A

[1] It is possible to apply all the Nida load-bearing structure and suspension types interchangeably.
[2] The ITB acoustic test report: NA-1162/P/2004 (LA-1197a/200[5]).
[3] The weight does not include the weight of the insulation material.
[4] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name										
		DK/WO-12,5/ SonicR6n0	DK/WO-12,5/ SonicR8n0	DK/WO-12,5/ SonicR10n0	DK/WO-12,5/ SonicR12n0	DK/WO-12,5/ SonicR15n0	DK/WO/CD60-12,5/ SonicRN8/15/20n0	DK/WO-12,5/ SonicR8/12n0	DK/WO-12,5/ SonicR12/20n0	DK/WO-12,5/ SonicRN12/20/35n0	DK/WO-12,5/ SonicC8n0	DK/WO-12,5/ SonicC12n0
		Consumption of material per 1m²										
Nida Sonic R6n0 plasterboard	m²	1,0	-	-	-	-	-	-	-	-	-	-
Nida Sonic R8n0 plasterboard	m²	-	1,0	-	-	-	-	-	-	-	-	-
Nida Sonic R10n0 plasterboard	m²	-	-	1,0	-	-	-	-	-	-	-	-
Nida Sonic R12n0 plasterboard	m²	-	-	-	1,0	-	-	-	-	-	-	-
Nida Sonic R15n0 plasterboard	m²	-	-	-	-	1,0	-	-	-	-	-	-
Nida Sonic RN8/15/20n0 plasterboard	m²	-	-	-	-	-	1,0	-	-	-	-	-
Nida Sonic R8/12n0 plasterboard	m²	-	-	-	-	-	-	1,0	-	-	-	-
Nida Sonic R12/20n0 plasterboard	m²	-	-	-	-	-	-	-	1,0	-	-	-
Nida Sonic RN12/20/35n0 plasterboard	m²	-	-	-	-	-	-	-	-	1,0	-	-
Nida Sonic C8n0 plasterboard	m²	-	-	-	-	-	-	-	-	-	1,0	-
Nida Sonic C12n0 plasterboard	m²	-	-	-	-	-	-	-	-	-	-	1,0
Nida CD60 profile	lm	4,2	4,2	4,2	4,2	4,2	4,2	4,2	4,2	4,2	4,2	4,2
Nida UD27 profile	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida WO60 rotary hanger	pcs.	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2
Nida fixing rod	pcs.	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2
Nida LK60 cross connector	pcs.	2,7	2,7	2,7	2,7	2,7	2,7	2,7	2,7	2,7	2,7	2,7
Nida LW60 lengthwise connector	pcs.	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Steel anchoring element [5]	pcs.	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida 3.5x25 mm sheet metal screws	pcs.	24,0	24,0	24,0	24,0	24,0	24,0	24,0	24,0	24,0	24,0	24,0
Nida Max gypsum putty	kg	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1	0,1		0,1	0,1	0,1	0,1	0,1
Mineral wool [6]	m²	1,0	1,0	1,0	1,0	1,0		1,0	1,0	1,0	1,0	1,0

[5] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[6] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

www.siniat.pl

Nida systems search engine
www.systemynida.pl

Explore the characteristics of the Nida Sonic board – enter www.siniat.pl and download the brochure

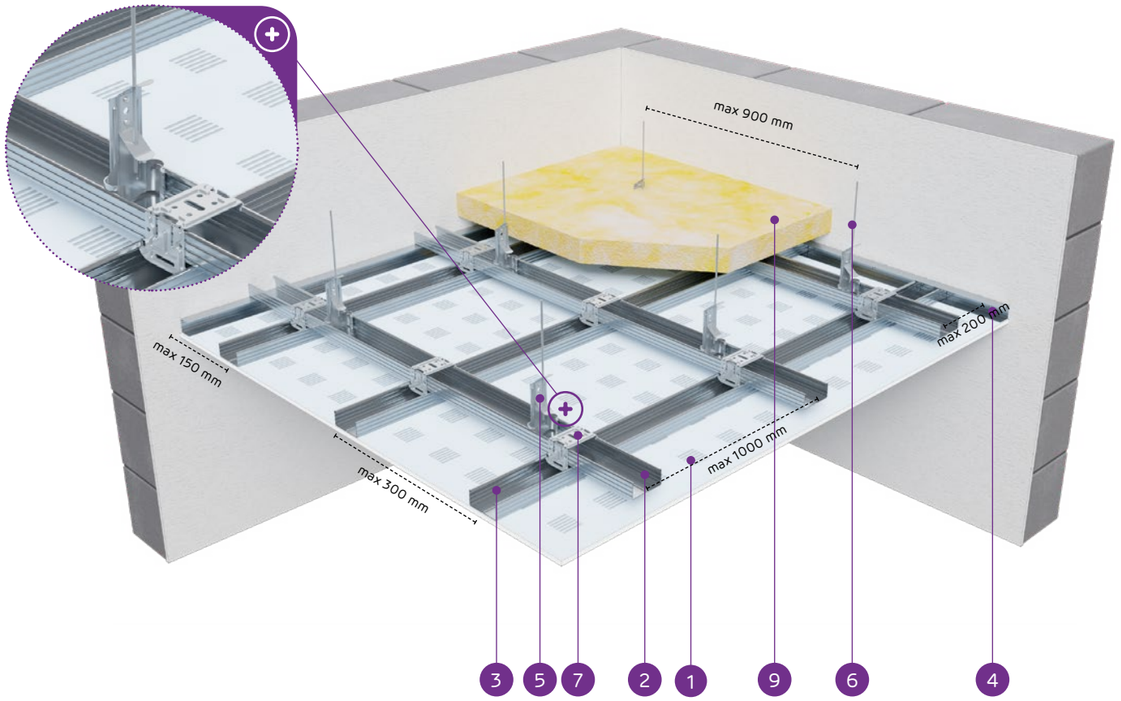
nida Sufit

Fire resistance class:	Sound absorption coefficient:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
N/A	0,60 dB	300 mm	10,0 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0026/15.11.2016

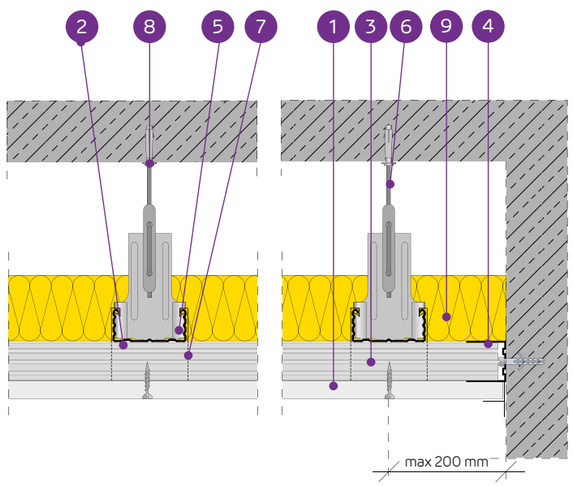
SYSTEMS:

DK/WO/CD60-12,5/SONIC



MATERIALS:

1. Nida Sonic 12.5 mm perforated plasterboard
2. Nida CD 60 top main profile
3. Nida CD 60 bottom load-bearing profile
4. Nida UD 27 profile
5. Nida WO60 rotary hanger
6. Nida fixing rod
7. Nida LK60 cross connector
8. Steel anchoring element
9. Mineral wool (optional)



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

etex inspiring ways of living

Promat

KONFEDERACJA BUDOWNICTWA I NIERUCHOMOŚCI

THE SYSTEM OF THE ACOUSTIC SUSPENDED CEILINGS ON THE NIDA CD60 LOAD-BEARING STRUCTURE (NIDA SONIC n1-n8)

TECHNICAL PARAMETERS

Nida Sufit system name	Plasterboard sheathing			Load-bearing structure [1]				Insulation material		Suspension height	Sound absorption coefficient [2]	Weight of 1m² of encasement [3]	Fire resistance class	Resistance to impact [4]
	Nida	Thickness [mm]	Marking acc. to standard	Type of Nida profile	Spacing of the Nida WO60 suspension elements [1]	Spacing of the Nida CD60 main profiles	Spacing of the Nida CD60 load-bearing profiles	Mineral wool						
					[mm]	[mm]	[mm]		[mm]	[mm]	α_w	[mm]	[min]	Class
DK/WO/CD60-12,5/SonicR15n1	Sonic R15n1 [5]	12,5	A	CD60	900	1000	300	glass wool	80	300	0,60	10,0	-	1A
DK/WO/CD60-12,5/SonicR12n2	Sonic R12n2 [5]	12,5	A	CD60	900	1000	300	glass wool	80	300	0,60	10,0	-	1A
DK/WO/CD60-12,5/SonicR15n8	Sonic R15n8 [5]	12,5	A	CD60	900	1000	300	glass wool	80	300	0,50	10,0	-	1A
DK/WO/CD60-12,5/SonicC10n8	Sonic C10n8 [5]	12,5	A	CD60	900	1000	300	glass wool	80	300	0,70	10,0	-	1A
DK/WO/CD60-12,5/SonicL5x80n8	Sonic L5x80n8 [5]	12,5	A	CD60	900	1000	300	glass wool	80	300	0,55	10,0	-	1A

[1] It is possible to apply all the Nida load-bearing structure and suspension types interchangeably.
[2] The ITB acoustic test report: NA-1162/P/2004 (LA-1197a/200[5]).
[3] The weight does not include the weight of the insulation material.
[4] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[5] The plasterboard is under the trade name Creason.

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name				
		DK/WO-12,5/SonicR15n1	DK/WO-12,5/SonicR12n2	DK/WO-12,5/SonicR15n8	DK/WO-12,5/SonicC10n8	DK/WO-12,5/SonicL5x80n8
		Consumption of material per 1m²				
Nida Sonic R15n1 plasterboard	m²	1,0	-	-	-	-
Nida Sonic R12n2 plasterboard	m²	-	1,0	-	-	-
Nida Sonic R15n8 plasterboard	m²	-	-	1,0	-	-
Nida Sonic C10n8 plasterboard	m²	-	-	-	1,0	-
Nida Sonic L5x80n8 plasterboard	m²	-	-	-	-	1,0
Nida CD60 profile	lm	4,2	4,2	4,2	4,2	4,2
Nida UD27 profile	lm	0,6	0,6	0,6	0,6	0,6
Nida WO60 rotary hanger	pcs.	1,2	1,2	1,2	1,2	1,2
Nida fixing rod	pcs.	1,2	1,2	1,2	1,2	1,2
Nida LK60 cross connector	pcs.	2,7	2,7	2,7	2,7	2,7
Nida LW60 lengthwise connector	pcs.	0,9	0,9	0,9	0,9	0,9
Steel anchoring element [6]	pcs.	1,8	1,8	1,8	1,8	1,8
Nida 3.5x25 mm sheet metal screws	pcs.	24,0	24,0	24,0	24,0	24,0
Nida Max gypsum putty	kg	0,3	0,3	0,3	0,3	0,3
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1	0,1
Mineral wool [7]	m²	1,0	1,0	1,0	1,0	1,0

[6] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[7] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

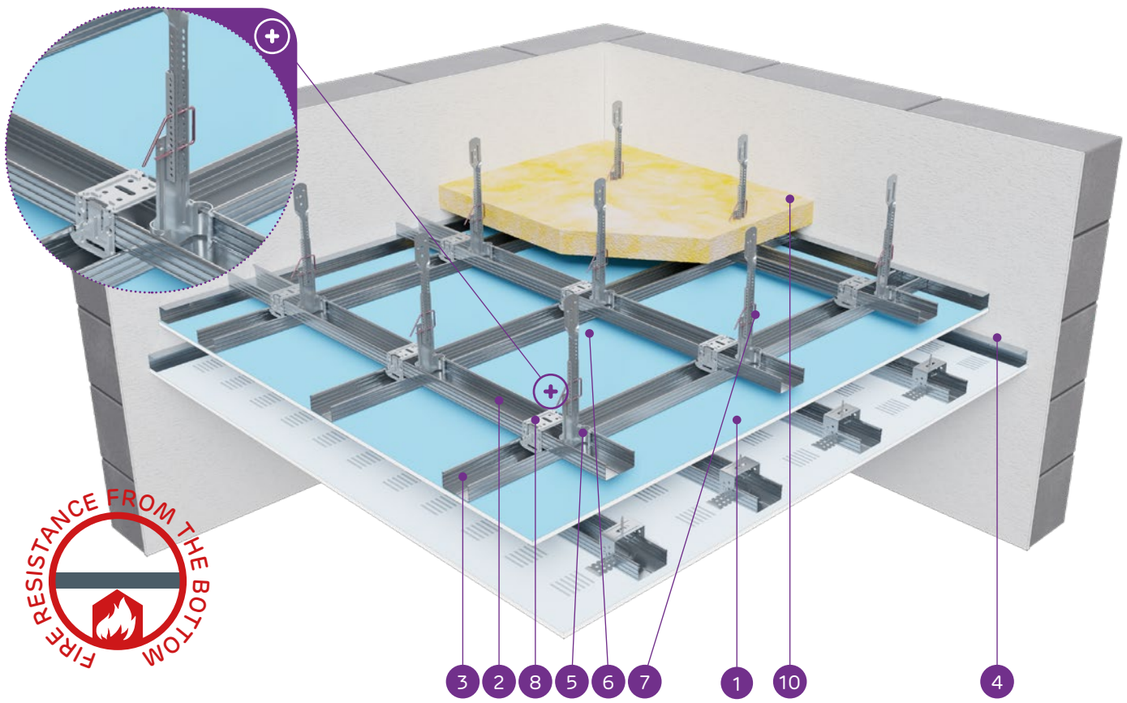
nida Sufit

Fire resistance class:	Sound absorption coefficient:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
(R)EI15, (R)EI45 (R)EI60, (R)EI90 (R)EI120	0,70 dB	222,5 mm	15,5-64,3 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0028/15.11.2016

SYSTEMS:

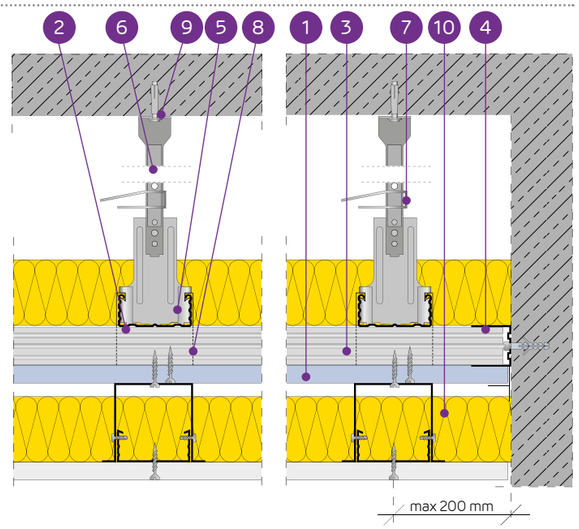
DK/WON/CD60-12,5; DK/WON/CD60-25; DK/WON/CD60-37,5; DK/WON/CD60-50; DK/WON/CD60-62,5



MATERIALS:

1. Nida plasterboard
2. Nida CD 60 top main profile
3. Nida CD 60 bottom load-bearing profile
4. Nida UD 27 profile
5. Nida WON 60 bottom rotary nonius hanger *
6. Nida WGN top nonius hanger
7. Siniat FAST-PIN nonius hanger pin
8. Nida LK60 cross connector
9. Steel anchoring element
10. Mineral wool (optional)

* possibility of utilisation of the ES 60, EL 60, WP 60 fixing element types



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

etex inspiring ways of living

Promat

KONFEDERACJA BUDOWNICTWA I NIERUCHOMOŚCI

THE SYSTEM OF THE ACOUSTIC SUSPENDED CEILINGS ON THE NIDA CD60 LOAD-BEARING STRUCTURE WITH ADDITIONAL LOAD OF THE ACOUSTIC CEILING

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure [1]				Plasterboard sheathing [5]		Min. suspension height	Weight of 1m² of encase-ment	Fire resistance class	Max. load of Nida ceiling		Resistance to impact [4]
	Type of Nida profile	Max. spacing of the Nida CD60 main profiles	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the Nida suspension elements	Nida	Thickness				Without fire resistance [2]	With fire resistance [3]	
		[mm]	[mm]	[mm]		[mm]	[mm]	[kg]	[min]	[kg/m²]	[kg/m²]	Class
DK/WON/CD60-12,5/Cicha	CD60/CD60	1000	400	900	Cicha	12,5	222,5	15,5	(R)EI15	31	16	1A
DK/WON/CD60-12,5/Ciężka	CD60/CD60	1000	400	900	Ciężka	12,5	222,5	15,5	(R)EI15	31	16	1A
DK/WON/CD60-25/Cicha	CD60/CD60	1000	400	850	Cicha	2x12,5	235	28,3	(R)EI45	36	16	1A
DK/WON/CD60-25/Ciężka	CD60/CD60	1000	400	850	Ciężka	2x12,5	235	28,3	(R)EI45	36	16	1A
DK/WON/CD60-37,5/Cicha	CD60/CD60	1000	400	750	Cicha	3x12,5	247,5	41,1	(R)EI60	49	16	1A
DK/WON/CD60-37,5/Ciężka	CD60/CD60	1000	400	750	Ciężka	3x12,5	247,5	41,1	(R)EI60	49	16	1A
DK/WON/CD60-50/Cicha	CD60/CD60	850	400	750	Cicha	4x12,5	250	43,7	(R)EI90	58	16	1A
DK/WON/CD60-50/Ciężka	CD60/CD60	850	400	750	Ciężka	4x12,5	250	43,7	(R)EI90	58	16	1A
DK/WON/CD60-62,5/Cicha	CD60/CD60	650	400	650	Cicha	5x12,5	270	64,3	(R)EI120	87	16	1A
DK/WON/CD60-62,5/Ciężka	CD60/CD60	650	400	650	Ciężka	5x12,5	270	64,3	(R)EI120	87	16	1A

[1] It is possible to apply all the Nida load-bearing structure and suspension types interchangeably.
[2] The acceptable load accounting for: the self-weight, the weight of the insulation, and the additional technological load. Technical opinion ITB 1060/12/R14NK.
[3] The additional load based on the fire classification LBO-438-K/20.
[4] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[5] Depending on the requirements, interchangeable application of the following board types is acceptable: Nida Twarda type DEFH1IR, Nida Hydro type GMFH1I, Resistex type DFH2IR.

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name									
		DK/WON/CD60-12,5/Cicha	DK/WON/CD60-12,5/Ciężka	DK/WON/CD60-25/Cicha	DK/WON/CD60-25/Ciężka	DK/WON/CD60-37,5/Cicha	DK/WON/CD60-37,5/Ciężka	DK/WON/CD60-50/Cicha	DK/WON/CD60-50/Ciężka	DK/WON/CD60-62,5/Cicha	DK/WON/CD60-62,5/Ciężka
		Consumption of material per 1m²									
Nida Cicha 12.5 mm plasterboard	m²	1,0		2,0	-	3,0	-	4,0	-	5,0	-
Nida Ciężka 12.5 mm plasterboard	m²	-	1,0	-	2,0	-	3,0	-	4,0	-	5,0
Nida Sonic plasterboard	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0
Nida CD60 profile	lm	6,0	6,0	6,0	6,0	6,0	6,0	6,2	6,2	6,6	6,6
Nida UD27 profile	lm	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2
Nida ES60 fixing element	pcs.	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0
Nida WON 60 rotary nonius hanger [6]	pcs.	1,2	1,2	1,2	1,2	1,4	1,4	1,6	1,6	2,4	2,4
Nida WGN top nonius hanger	pcs.	1,2	1,2	1,2	1,2	1,4	1,4	1,6	1,6	2,4	2,4
Siniat FAST-PIN nonius hanger pin	pcs.	1,2	1,2	1,2	1,2	1,4	1,4	1,6	1,6	2,4	2,4
Nida LK60 cross connector	pcs.	2,5	2,5	2,5	2,5	2,5	2,5	3,0	3,0	3,9	3,9
Nida LW60 lengthwise connector	pcs.	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5
Steel anchoring element [7]	pcs.	5,4	5,4	5,4	5,4	5,6	5,6	5,8	5,8	6,6	6,6
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0
Nida 3.5x25 mm sheet metal screws	pcs.	18,0	18,0	18,0	18,0	18,0	18,0	18,0	18,0	18,0	18,0
FixDens 4.2 x 25 mm screws	pcs.	18,0	18,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0
FixDens 4.2 x 42 mm screws	pcs.	-	-	18,0	18,0	6,0	6,0	6,0	6,0	6,0	6,0
FixDens 4.2 x 60 mm screws	pcs.	-	-	-	-	18,0	18,0	6,0	6,0	6,0	6,0
FixDens 4.5 x 80 mm screws	pcs.	-	-	-	-	-	-	18,0	18,0	24,0	24,0
Nida reinforcement tape	lm	2,8	2,8	2,8	2,8	2,8	2,8	2,8	2,8	2,8	2,8
Nida Start gypsum putty	kg	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,3
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1
Nida Hydromix ready-to-use joint filler [8]	kg	0,4	0,4	0,7	0,7	1,0	1,0	1,3	1,3	1,6	1,6
Mineral wool [9]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[6] Can be replaced with the reinforced bottom nonius hanger.
[7] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[8] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[9] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

www.siniat.pl

Nida systems search engine
www.systemynida.pl

Explore the characteristics of the Nida Sonic board – enter www.siniat.pl and download the brochure

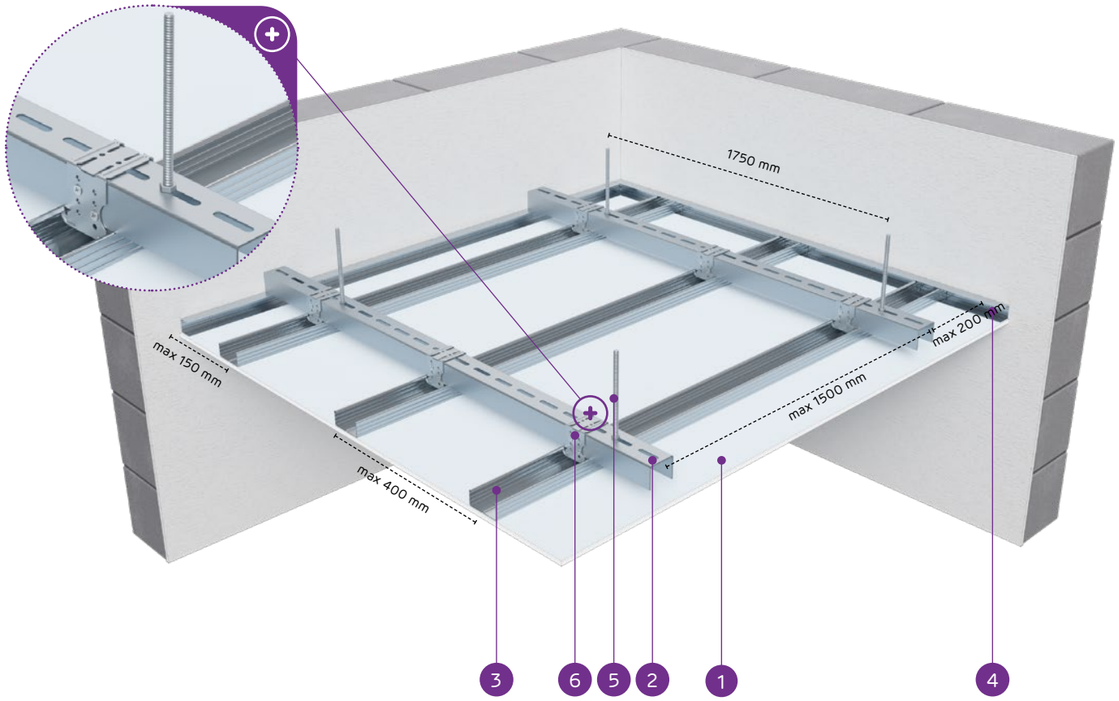
nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
N/A	N/A	222,5 mm	10,9-28,3 kg	EN13964:2014-05

Declaration of Performance:
DoP/Ceiling System/0029/15.11.2016

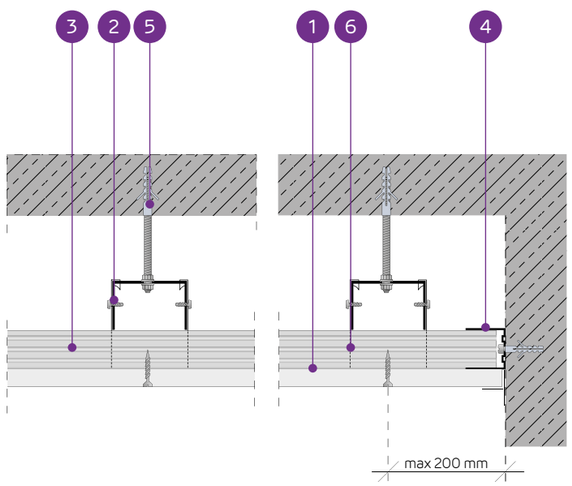
SYSTEMS:

DK/PG/UA/CD60-12,5; DK/PG/UA/CD60-25



MATERIALS:

1. Nida plasterboard
2. Nida UA50 top main profile
3. Nida CD 60 bottom load-bearing profile
4. Nida UD 27 profile
5. Threaded rod ø 8 mm with nuts and washers
6. Nida UA50-CD60 cross connector



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

etex inspiring ways of living

Promat

KONFEDERACJA BUDOWNICTWA I NIERUCHOMOŚCI

THE SYSTEM OF THE SUSPENDED CEILINGS ON THE DOUBLE-LEVEL NIDA UA50 / NIDA CD60 LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure						Plasterboard sheathing		Min. suspension height	Weight of 1m² of encasement	Fire resistance class	Resistance to impact[2]
	Type of Nida profile	Nida cross connector	Suspension - threaded rod (ø)	Max. spacing of the Nida UA50 main profiles[1]	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the Nida suspension elements	Nida	Thickness				
			[mm]	[mm]	[mm]	[mm]		[mm]	[mm]	[kg]	[min]	Class
DK/PG/UA/CD60-12,5/Expert	UA50/CD60	LK UA50-CD60	8	1500	400	1750	Expert	12,5	222,5	10,9	-	1A
DK/PG/UA/CD60-12,5/Woda[3]	UA50/CD60	LK UA50-CD60	8	1500	400	1750	Woda	12,5	222,5	11,4	-	1A
DK/PG/UA/CD60-12,5/Ogień+	UA50/CD60	LK UA50-CD60	8	1500	400	1750	Ogień Plus	12,5	222,5	12,7	-	1A
DK/PG/UA/CD60-12,5/WodaOgień+	UA50/CD60	LK UA50-CD60	8	1500	400	1750	Woda Ogień Plus	12,5	222,5	12,7	-	1A
DK/PG/UA/CD60-12,5/Twarda	UA50/CD60	LK UA50-CD60	8	1100	400	1200	Twarda	12,5	222,5	15,5	-	1A
DK/PG/UA/CD60-12,5/Hydro	UA50/CD60	LK UA50-CD60	8	1100	400	1200	Hydro	12,5	222,5	13,5	-	1A
DK/PG/UA/CD60-25/Expert	UA50/CD60	LK UA50-CD60	8	1100	400	1200	Expert	2x12,5	235	19,1	-	1A
DK/PG/UA/CD60-25/Woda[3]	UA50/CD60	LK UA50-CD60	8	1100	400	1200	Woda	2x12,5	235	20,1	-	1A
DK/PG/UA/CD60-25/Ogień+	UA50/CD60	LK UA50-CD60	8	1100	400	1200	Ogień Plus	2x12,5	235	22,7	-	1A
DK/PG/UA/CD60-25/WodaOgień+	UA50/CD60	LK UA50-CD60	8	1100	400	1200	Woda Ogień Plus	2x12,5	235	22,7	-	1A
DK/PG/UA/CD60-25/Twarda	UA50/CD60	LK UA50-CD60	8	1100	400	1200	Twarda	2x12,5	235	28,3	-	1A
DK/PG/UA/CD60-25/Hydro	UA50/CD60	LK UA50-CD60	8	1100	400	1200	Hydro	2x12,5	235	24,3	-	1A

[1] The table presented at the end of this section should be utilised for any other configuration of the main profile and suspension elements.
[2] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.).

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name											
		DK/PG/UA CD60-12,5/ Expert	DK/PG/UA CD60-12,5/ Woda	DK/PG/UA CD60-12,5/ Ogień+	DK/PG/UA CD60-12,5/ WodaOgień+	DK/PG/UA CD60-12,5/ Twarda	DK/PG/UA CD60-12,5/ Hydro	DK/PG/UA CD60-25/ Expert	DK/PG/UA CD60-25/ Woda	DK/PG/UA CD60-25/ Ogień+	DK/PG/UA CD60-25/ WodaOgień+	DK/PG/UA CD60-25/ Twarda	DK/PG/UA CD60-25/ Hydro
		Consumption of material per 1m²											
Nida Expert 12.5 mm plasterboard	m²	1,0	-	-	-	-	-	2,0	-	-	-	-	-
Nida Woda 12.5 mm plasterboard	m²	-	1,0	-	-	-	-	-	2,0	-	-	-	-
Nida Ogień Plus 12.5 mm plasterboard	m²	-	-	1,0	-	-	-	-	-	2,0	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	-	-	1,0	-	-	-	-	-	2,0	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	-	-	1,0	-	-	-	-	-	2,0	-
Nida Hydro 12.5 mm plasterboard	m²	-	-	-	-	-	1,0	-	-	-	-	-	2,0
Nida CD60 profile	lm	2,6	2,6	2,6	2,6	2,6	2,6	2,6	2,6	2,6	2,6	2,6	2,6
Nida UD27 profile	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida UA50 profile	lm	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0
Threaded galvanised steel rod ø 8 mm	lm	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Galvanised steel nut ø 8 mm	pcs.	2,7	2,7	2,7	2,7	2,7	2,7	2,7	2,7	2,7	2,7	2,7	2,7
Galvanised steel washer for ø 8 mm rod	pcs.	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida UA50-CD60 cross connector	pcs.	2,6	2,6	2,6	2,6	2,6	2,6	2,6	2,6	2,6	2,6	2,6	2,6
Nida LW60 lengthwise connector	pcs.	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Steel expansion jacket for threaded rod ø 8 mm	pcs.	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Steel anchoring element[4]	pcs.	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Nida 3.5x25 mm sheet metal screws	pcs.	18,0	18,0	18,0	18,0	-	-	6,0	6,0	6,0	6,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	-	-	-	-	-	-	18,0	18,0	18,0	18,0	-	-
FixDens 4.2 x 25 mm screws	pcs.	-	-	-	-	18,0	-	-	-	-	-	6,0	-
FixDens 4.2 x 42 mm screws	pcs.	-	-	-	-	-	-	-	-	-	-	18,0	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	18,0	-	-	-	-	-	6,0
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	-	-	-	18,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Nida Start gypsum putty	kg	0,3	0,3	0,3	0,3	-	-	0,6	0,6	0,6	0,6	-	-
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1	-	-	0,1	0,1	0,1	0,1	-	-
Nida Hydromix ready-to-use joint filler[5]	kg	-	-	-	-	0,4	0,4	-	-	-	-	0,8	0,8
Mineral wool[6]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[4] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[5] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[6] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

www.siniat.pl

Nida systems search engine
www.systemynida.pl

Calculator of the Nida systems
www.siniat.pl/kalkulatory

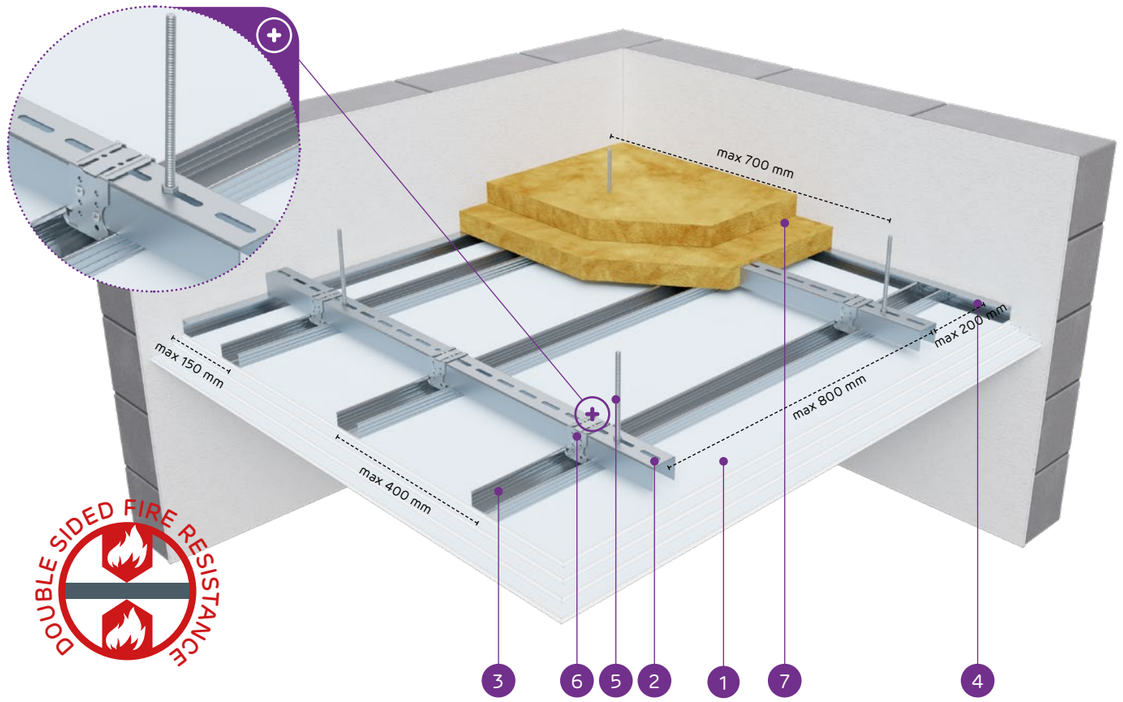
Follow us on:

nida Sufit

Fire resistance class:	Maximum encasement load:	The minimal suspension height:	Weight of 1m² of encasement:	Number of related document:
(R)EI120	2,5 kg/m²	300 mm	62,5 kg	EN13964:2014-05

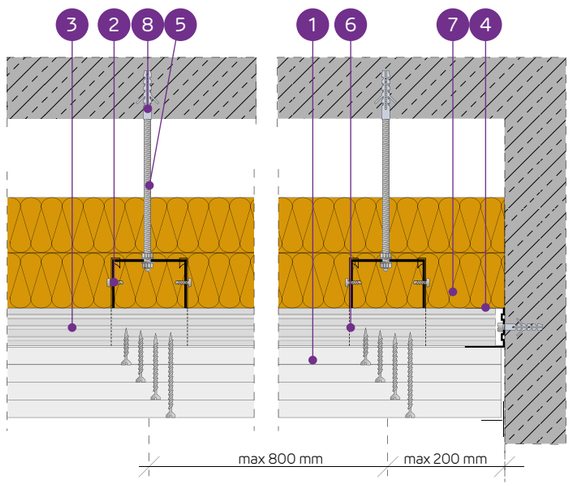
Declaration of Performance:
DoP/Ceiling System/0038/15.11.2016

SYSTEMS:
DK/PG/UA/CD60-60/MW;



MATERIALS:

1. Nida plasterboard
2. Nida UA50 top main profile
3. Nida CD 60 bottom load-bearing profile
4. Nida UD 27 profile
5. Threaded rod ø 8 mm with nuts and washers
6. Nida UA50-CD60 cross connector
7. Insulation material mineral wool
8. Steel expansion anchor



THE SYSTEM OF THE SUSPENDED CEILINGS ON THE DOUBLE-LEVEL NIDA UA50 / NIDA CD60 LOAD-BEARING STRUCTURE - DOUBLE-SIDED FIRE RESISTANCE

TECHNICAL PARAMETERS

Nida Sufit system name	Frame structure				Plasterboard sheathing		Insulation material			Min. suspension height	Weight of 1m² of encase-ment	Fire resistance class [1] (a ↔ b)	Max. load of Nida ceiling	Resistance to impact [2]	Special system
	Type of Nida profile	Max. spacing of the Nida UA50 main profiles	Max. spacing of the Nida CD60 load-bearing profiles	Max. spacing of the suspension elements (threaded rod ø8)	Trade name	Thickness	Mineral wool	Thickness	Density						
		[mm]	[mm]	[mm]	Nida	[mm]		[mm]	[kg/m³]	[mm]	[kg]	[min]	[kg/m²]	Class	
DK/PG/UA/CD60-60/MW/Ogień+	UAR50/CD60	800	400	700	Ogień Plus	4x15,0	rock wool	2x50	25	300	62,5	(R)EI120 [3]	2,5	1A	●
DK/PG/UA/CD60-60/MW/WodaOgień+	UAR50/CD60	800	400	700	Woda Ogień Plus	4x15,0	rock wool	2x50	25	300	62,5	(R)EI120 [3]	2,5	1A	●

[1] Declaration of Performance (DoP) - DoP/Ceiling System/0038/15.11.2016, fire classification LBO-056-KZ/22.
[2] Acc. to the Technical opinion ITB 01060/12/R34NK part I and part II.
[3] The fire resistance class (a ↔ b) - meets the requirements for the fire exposition from the top and from the bottom side.

CONSUMPTION OF MATERIALS PER 1M² FOR THE SUSPENDED CEILING CONSTRUCTED ACCORDING TO NIDA SUFIT SYSTEM

Material name	UM	Nida Sufit system name	
		DK/PG/UA/CD60-60/MW/Ogień+	DK/PG/UA/CD60-60/MW/WodaOgień+
		Consumption of material per 1m²	
Nida Ogień Plus 15 mm plasterboard	m²	4,0	-
Nida Woda Ogień Plus 15 mm plasterboard	m²	-	4,0
Nida UA50 profile	lm	1,3	1,3
Nida CD60 profile	lm	2,5	2,5
Nida UD27 profile	lm	0,6	0,6
Threaded rod ø 8 mm [4]	lm	2,0	2,0
Steel nut ø 8 mm	pcs.	8,0	8,0
Steel washer ø 8 mm	pcs.	8,0	8,0
Nida UA50-CD60 cross connector	pcs.	3,4	3,4
Nida LW60 lengthwise connector	pcs.	0,9	0,9
Steel expansion anchor ø 8 mm [5]	pcs.	1,8	1,8
Nida 3.5x25 mm sheet metal screws	pcs.	6,0	6,0
Nida 3.5x45 mm sheet metal screws	pcs.	6,0	6,0
Nida 3.5x55 mm sheet metal screws	pcs.	6,0	6,0
Nida 4.2x70 mm sheet metal screws	pcs.	18,0	18,0
Nida reinforcement tape	lm	1,4	1,4
Nida Start gypsum putty	kg	1,2	1,2
Nida Finish gypsum putty	kg	0,1	0,1
Mineral wool [6]	m²	2,0	2,0

[4] The suspension height assumed for the calculations was 500 mm.
[5] The type of the anchoring element should be selected individually adequately for the floor structure type and the total weight of the encasement.
[6] Rock fibre mineral wool min. thickness 2x50 mm and min. bulk density 25 kg/m³.
The standards concerning the amount of utilised material do not cover the loss of the material.

TABLES FOR SELECTING LOAD-BEARING SYSTEMS' ARRANGEMENTS FOR NIDA SUFIT SYSTEM WITH RESPECT TO ACCEPTABLE LOADS

SUSPENDED CEILING SYSTEM WITH NIDA CD60 DOUBLE-LEVEL CROSS LOAD-BEARING STRUCTURE

NIDA SUFIT - DOUBLE-LEVEL CROSS FRAME (SPACING OF LOAD-BEARING STRUCTURE 400 MM)

List of acceptable loads [kg/m²]
Hangers: Nida WP60 [1], Nida ES60 [2], Nida EL60 [3], Nida WON60 [4], Nida WO60 [5]

Spacing of suspension elements [m]	0,50	0,55	0,60	0,65	0,70	0,75	0,80	0,85	0,90	0,95	1,00	1,05	1,10	1,15	1,20
1,20	30	27	25	23	21	20	19	18	17	16	15	14	14	13	12
1,15	33	30	28	26	24	22	21	20	19	18	17	16	15	15	14
1,10	38	34	31	29	27	25	23	22	21	20	19	18	17	16	16
1,05	42	38	35	33	30	28	26	25	24	22	21	20	19	18	18
1,00	48	44	40	37	34	32	30	28	27	25	24	23	22	21	20
0,95	55	50	46	42	39	36	34	32	30	29	27	26	25	24	23
0,90	63	57	52	48	45	42	39	37	35	33	31	30	29	27	26
0,85	73	66	61	56	52	48	45	43	40	38	36	35	33	32	30
0,80	85	77	71	65	60	56	53	50	47	45	42	40	38	37	35
0,75	99	90	82	76	70	66	62	58	55	52	49	47	45	43	41
0,70	100	96	88	81	75	70	66	62	59	56	53	50	48	46	44
0,65	100	100	95	87	81	76	71	67	63	60	57	54	52	49	47
0,60	100	100	100	95	88	82	77	72	68	65	62	59	56	54	51
0,55	100	100	100	100	96	90	84	79	75	71	67	64	61	58	56
0,50	100	100	100	100	100	99	92	87	82	78	74	70	67	64	62

Spacing of main profiles, [m]
Nida CD60 profile, nominal thickness 0.55 mm tolerance +/- 0.06 mm

SUSPENDED CEILING SYSTEM WITH NIDA CD60 DOUBLE-LEVEL CROSS LOAD-BEARING STRUCTURE

NIDA SUFIT - DOUBLE-LEVEL CROSS FRAME (SPACING OF LOAD-BEARING STRUCTURE 500 MM)

List of acceptable loads [kg/m²]
Hangers: Nida WP60 [1], Nida ES60 [2], Nida EL60 [3], Nida WON60 [4], Nida WO60 [5]

Spacing of suspension elements [m]	0,50	0,55	0,60	0,65	0,70	0,75	0,80	0,85	0,90	0,95	1,00	1,05	1,10	1,15	1,20
1,20	27	25	23	21	19	18	17	16	15	14	14	13	12	12	11
1,15	30	28	25	23	22	20	19	18	17	16	15	14	14	13	13
1,10	34	31	28	26	24	23	21	20	19	18	17	16	15	15	14
1,05	38	35	32	29	27	26	24	23	21	20	19	18	17	17	16
1,00	43	39	36	33	31	29	27	25	24	23	22	21	20	19	18
0,95	49	45	41	38	35	33	31	29	27	26	25	23	22	21	21
0,90	56	51	47	43	40	38	35	33	31	30	28	27	26	25	24
0,85	65	59	54	50	46	43	41	38	36	34	33	31	30	28	27
0,80	74	67	62	57	53	49	46	43	41	39	37	35	34	32	31
0,75	79	72	66	61	56	53	49	46	44	41	39	38	36	34	33
0,70	84	77	70	65	60	56	53	50	47	44	42	40	38	37	35
0,65	91	83	76	70	65	61	57	54	51	48	45	43	41	40	38
0,60	99	90	82	76	70	66	62	58	55	52	49	47	45	43	41
0,55	100	98	90	83	77	72	67	63	60	57	54	51	49	47	45
0,50	100	100	99	91	84	79	74	70	66	62	59	56	54	51	49

Spacing of main profiles, [m]
Nida CD60 profile, nominal thickness 0.55 mm tolerance +/- 0.06 mm

[1] Nida WP60 loft hanger.
[2] Nida ES60 fixing element.
[3] Nida EL60 flexible fixing element.
[4] Nida WON60 rotary nonius hanger.
[5] Nida WO60 rotary mounted hanger.

THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

etex inspiring ways of living

Promat

Polski Gips

KONFEDERACJA BUDOWNICTWA I NIERUCHOMOŚCI

SUSPENDED CEILING SYSTEM WITH NIDA CD60 SINGLE-LEVEL CROSS LOAD-BEARING STRUCTURE

NIDA SINGLE-LEVEL CROSS STRUCTURE SUSPENDED CEILING

List of acceptable loads [kg/m²]
Hangers: Nida WP60 [1], Nida ES60 [2], Nida EL60 [3], Nida WON60 [4], Nida WO60 [5]

Spacing of suspension elements [m]	1 x g-k		2 x g-k		3 x and more plasterboard layers	
1,20	23	23	25	25	30	30
1,15	26	26	28	28	34	34
1,10	29	29	32	32	39	39
1,05	34	34	37	37	45	45
1,00	37	37	40	40	49	49
0,95	39	39	42	42	52	52
0,90	41	41	45	45	54	54
0,85	44	44	47	47	58	58
0,80	46	46	50	50	61	61
0,75	49	49	53	53	65	65
0,70	53	53	57	57	70	70
0,65	57	57	62	62	75	75
0,60	62	62	67	67	82	82
0,55	67	67	73	73	89	89
0,50	74	74	80	80	98	98
	0,40	0,50	0,40	0,50	0,40	0,50

Spacing of load-bearing profiles, [m]
Nida CD60 profile, nominal thickness 0.55 mm tolerance +/- 0.06 mm

CEILING SHEATHING SYSTEM ON NIDA PK48 TOP-HAT PROFILES STRUCTURE

NIDA SUFIT SINGLE-LEVEL PARALLEL SUSPENDED CEILING

List of acceptable loads [kg/m²]
Hangers: Nida WP60 [1], Nida ES60 [2], Nida EL60 [3], Nida WON60 [4], Nida WO60 [5]

Spacing of suspension elements [m]	1 x g-k		2 x g-k		3 x and more plasterboard layers	
1,20	60	48	65	52	80	64
1,15	63	50	68	54	83	67
1,10	66	53	71	57	87	70
1,05	69	55	75	60	91	73
1,00	72	58	78	63	96	77
0,95	76	61	82	66	100	81
0,90	80	64	87	70	100	85
0,85	85	68	92	74	100	90
0,80	91	72	98	78	100	96
0,75	97	77	100	83	100	100
0,70	100	83	100	89	100	100
0,65	100	89	100	96	100	100
0,60	100	97	100	100	100	100
0,55	100	100	100	100	100	100
0,50	100	100	100	100	100	100
	0,40	0,50	0,40	0,50	0,40	0,50

Spacing of load-bearing profiles [m]
Nida CD60 profile, nominal thickness 0.55 mm tolerance +/- 0.06 mm

NIDA SUFIT SINGLE-LEVEL PARALLEL SUSPENDED CEILING

List of acceptable loads [kg/m²]
Hangers: Hangers: expansion plugs/anchors (selected according to load)

Spacing of suspension elements [m]	1 x g-k		2 x g-k		3 x and more plasterboard layers	
1,20	30	24	33	26	40	32
1,15	34	27	37	30	45	36
1,10	39	31	42	34	52	41
1,05	45	36	49	39	60	48
1,00	52	42	56	45	69	55
0,95	61	49	66	53	80	64
0,90	66	53	72	57	88	70
0,85	70	56	76	61	93	74
0,80	75	60	80	64	98	79
0,75	79	64	86	69	100	84
0,70	85	68	92	74	100	90
0,65	92	73	99	79	100	97
0,60	99	79	100	86	100	100
0,55	100	87	100	94	100	100
0,50	100	95	100	100	100	100
	0,40	0,50	0,40	0,50	0,40	0,50

Spacing of load-bearing profiles, [m]
Nida 15x48 profile, nominal thickness 0.55 mm tolerance +/- 0.06 mm

[1] Nida WP60 loft hanger.
[2] Nida ES60 fixing element.
[3] Nida EL60 flexible fixing element.
[4] Nida WON60 rotary nonius hanger.
[5] Nida WO60 rotary mounted hanger.

www.siniat.pl

Nida systems search engine
www.systemynida.pl

Calculator of the Nida systems
www.siniat.pl/kalkulatory

Follow us on:

SUSPENDED CEILING SYSTEM WITH NIDA MF DOUBLE-LEVEL CROSS LOAD-BEARING STRUCTURE

NIDA SUFIT MFC DOUBLE-LEVEL CROSS ENGLISH TYPE FRAME (SPACING OF LOAD-BEARING STRUCTURE 400 MM)

List of acceptable loads [kg/m²]
Hangers: MFC2330

Spacing of suspension elements [m]	0,50	0,55	0,60	0,65	0,70	0,75	0,80	0,85	0,90	0,95	1,00	1,05	1,10	1,15	1,20
1,20	73	67	61	56	52	49	46	43	41	39	37	35	33	32	31
1,15	82	74	68	63	59	55	51	48	46	43	41	39	37	36	34
1,10	92	84	77	71	66	61	57	54	51	48	46	44	42	40	38
1,05	100	94	86	80	74	69	65	61	58	55	52	49	47	45	43
1,00	100	100	98	90	84	78	74	69	65	62	59	56	53	51	49
0,95	100	100	100	100	96	89	84	79	75	71	67	64	61	58	56
0,90	100	100	100	100	100	100	96	91	86	81	77	73	70	67	64
0,85	100	100	100	100	100	100	100	100	99	94	89	85	81	77	74
0,80	100	100	100	100	100	100	100	100	100	100	95	90	86	82	79
0,75	100	100	100	100	100	100	100	100	100	100	99	94	90	86	82
0,70	100	100	100	100	100	100	100	100	100	100	99	94	90	86	82
0,65	100	100	100	100	100	100	100	100	100	100	99	94	90	86	82
0,60	100	100	100	100	100	100	100	100	100	100	99	94	90	86	82
0,55	100	100	100	100	100	100	100	100	100	100	99	94	90	86	82
0,50	100	100	100	100	100	100	100	100	100	100	99	94	90	86	82

Spacing of main profiles, [m]
MFCP44 profile, nominal thickness 0.80 mm tolerance +/- 0.06 mm

SUSPENDED CEILING SYSTEM WITH NIDA MF DOUBLE-LEVEL CROSS LOAD-BEARING STRUCTURE

NIDA SUFIT MFC DOUBLE-LEVEL CROSS ENGLISH TYPE FRAME (SPACING OF LOAD-BEARING STRUCTURE 500 MM)

List of acceptable loads [kg/m²]
Hangers: MFC2330

Spacing of suspension elements [m]	0,50	0,55	0,60	0,65	0,70	0,75	0,80	0,85	0,90	0,95	1,00	1,05	1,10	1,15	1,20
1,20	67	61	56	51	48	45	42	39	37	35	33	32	30	29	28
1,15	75	68	62	57	53	50	47	44	41	39	37	36	34	32	31
1,10	83	76	70	64	60	56	52	49	46	44	42	40	38	36	35
1,05	94	85	78	72	67	63	59	55	52	49	47	45	43	41	39
1,00	100	97	89	82	76	71	66	62	59	56	53	51	48	46	44
0,95	100	100	100	93	86	81	76	71	67	64	60	58	55	53	50
0,90	100	100	100	100	96	90	84	79	75	71	67	64	61	59	56
0,85	100	100	100	100	100	95	89	84	79	75	71	68	65	62	59
0,80	100	100	100	100	100	100	95	89	84	80	76	72	69	66	63
0,75	100	100	100	100	100	100	99	93	88	83	79	75	72	69	66
0,70	100	100	100	100	100	100	99	93	88	83	79	75	72	69	66
0,65	100	100	100	100	100	100	99	93	88	83	79	75	72	69	66
0,60	100	100	100	100	100	100	99	93	88	83	79	75	72	69	66
0,55	100	100	100	100	100	100	99	93	88	83	79	75	72	69	66
0,50	100	100	100	100	100	100	99	93	88	83	79	75	72	69	66

Spacing of main profiles, [m]
MFCP44 profile, nominal thickness 0.80 mm tolerance +/- 0.06 mm

DOUBLE-LEVEL CROSS CEILING SYSTEM WITH NIDA UA50 / CD60 STRUCTURE

NIDA SUFIT UA50/CD60 (CONSTANT SPACING OF LOAD-BEARING PROFILES 400 MM) SUSPENDING ELEMENTS MADE OF THREADED RODS Ø 8,0 MM

List of acceptable loads [kg/m²]

Spacing of suspending elements (threaded rods) [m]	0,50	0,60	0,70	0,80	0,90	1,00	1,10	1,20	1,30	1,40	1,50
2,60	1-15	-	-	-	-	-	-	-	-	-	-
2,55	1-15	-	-	-	-	-	-	-	-	-	-
2,50	1-15	-	-	-	-	-	-	-	-	-	-
2,45	1-15	1-15	-	-	-	-	-	-	-	-	-
2,40	1-15	1-15	-	-	-	-	-	-	-	-	-
2,35	1-15	1-15	-	-	-	-	-	-	-	-	-
2,30	1-15	1-15	1-15	-	-	-	-	-	-	-	-
2,25	1-15	1-15	1-15	-	-	-	-	-	-	-	-
2,20	1-15	1-15	1-15	1-15	-	-	-	-	-	-	-
2,15	1-15	1-15	1-15	1-15	1-15	-	-	-	-	-	-
2,10	1-15	1-15	1-15	1-15	1-15	-	-	-	-	-	-
2,05	15-30	1-15	1-15	1-15	1-15	1-15	-	-	-	-	-
2,00	15-30	1-15	1-15	1-15	1-15	1-15	1-15	-	-	-	-
1,95	15-30	15-30	1-15	1-15	1-15	1-15	1-15	1-15	-	-	-
1,90	15-30	15-30	1-15	1-15	1-15	1-15	1-15	1-15	1-15	-	-
1,85	15-30	15-30	15-30	1-15	1-15	1-15	1-15	1-15	1-15	1-15	-
1,80	15-30	15-30	15-30	1-15	1-15	1-15	1-15	1-15	1-15	1-15	-
1,75	15-30	15-30	15-30	1-15	1-15	1-15	1-15	1-15	1-15	1-15	1-15
1,70	15-30	15-30	15-30	1-15	1-15	1-15	1-15	1-15	1-15	1-15	1-15
1,65	15-30	15-30	15-30	15-30	1-15	1-15	1-15	1-15	1-15	1-15	1-15
1,60	30-50	15-30	15-30	15-30	1-15	1-15	1-15	1-15	1-15	1-15	1-15
1,55	30-50	15-30	15-30	15-30	1-15	1-15	1-15	1-15	1-15	1-15	1-15
1,50	30-50	15-30	15-30	15-30	1-15	1-15	1-15	1-15	1-15	1-15	1-15
1,45	30-50	15-30	15-30	15-30	15-30	1-15	1-15	1-15	1-15	1-15	1-15
1,40	30-50	15-30	15-30	15-30	15-30	1-15	1-15	1-15	1-15	1-15	1-15
1,35	30-50	15-30	15-30	15-30	15-30	1-15	1-15	1-15	1-15	1-15	1-15
1,30	30-50	30-50	15-30	15-30	15-30	15-30	1-15	1-15	1-15	1-15	1-15
1,25	30-50	30-50	15-30	15-30	15-30	15-30	1-15	1-15	1-15	1-15	1-15
1,20	30-50	30-50	15-30	15-30	15-30	15-30	15-30	1-15	1-15	1-15	1-15
1,15	30-50	30-50	15-30	15-30	15-30	15-30	15-30	1-15	1-15	1-15	1-15
1,10	30-50	30-50	30-50	15-30	15-30	15-30	15-30	1-15	1-15	1-15	1-15
1,05	30-50	30-50	30-50	15-30	15-30	15-30	15-30	1-15	1-15	1-15	1-15
1,00	30-50	30-50	30-50	30-50	15-30	15-30	15-30	1-15	1-15	1-15	1-15
0,95	30-50	30-50	30-50	30-50	15-30	15-30	15-30	1-15	1-15	1-15	1-15
0,90	30-50	30-50	30-50	30-50	15-30	15-30	15-30	1-15	1-15	1-15	1-15
0,85	30-50	30-50	30-50	30-50	15-30	15-30	15-30	1-15	1-15	1-15	1-15

Spacing of Nida UA50 main profiles, [m]

Siniat Accessories

SINIAT FAST-PIN® NONIUS PIN

Innovative fixing system for nonius suspension elements

Advantages of Siniat FAST-PIN®:

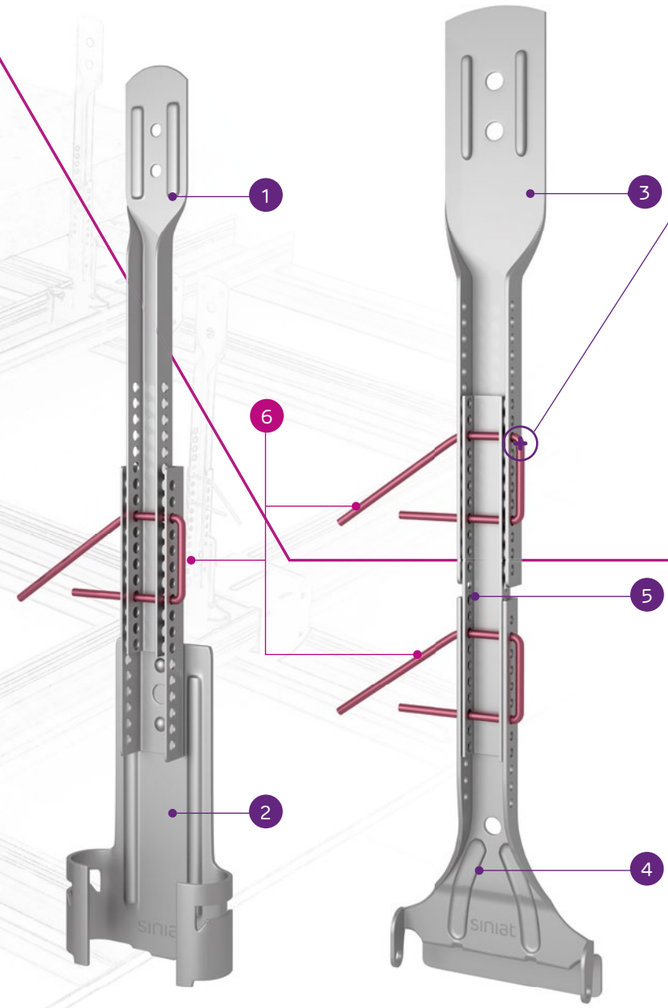
Considerably simplified assembly of nonius suspension elements. Reduction of the number of pins per a single connection by 50%. Ceiling structure levelling time and labour consumption reduced by min. 60%.

Effective solutions

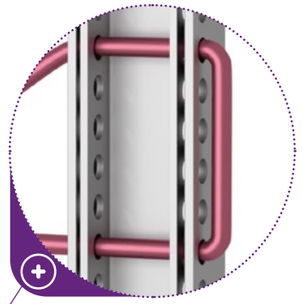
Simple assembly

Siniat FAST-PIN® nonius pin

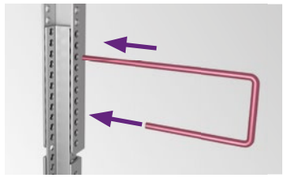
The innovative shape of Siniat FAST-PIN® automatically connects each fifth hole of nonius elements.



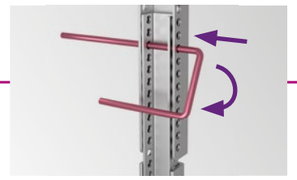
1. Nida WGN 20 or WGN30 top nonius hanger (also in Hydro C3 version)
2. Rotary-mounted nonius hanger Nida WON 60 (also in Hydro C3 version)
3. Nida WGN Uni top nonius hanger (also in Hydro C3 version)
4. Bottom reinforced nonius hanger
5. Nida PN nonius extension
6. Siniat FAST-PIN® nonius hanger pin



INSTALLATION INSTRUCTIONS

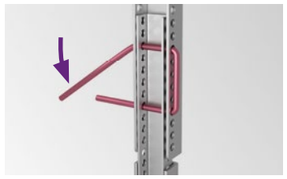


1. This new type of Siniat FAST-PIN® fixes nonius suspension elements in an easy and safe way – one Siniat FAST-PIN® replaces two standard pins.



2. On the ceiling structure levelling stage only the longer pin side is used, which greatly facilitates repeated separation and joining of nonius elements.

3. After the sub-structure levelling process is completed it takes only one movement to ensure safe nonius connections (each fifth hole).



4. In order to complete the ceiling levelling process the top arm of Siniat FAST-PIN® must be bent downwards. This simple action prevents uncontrolled detachment of pins.