



nida Tynk

anchored wall cladding

The plasterboards can be utilised as sheathing material for internal and external walls. They are especially applicable in the case of fast and clean renovations. The surface of dry plaster is smooth and constitutes perfect substrate for further finishing works. The Nida Expert plasterboards, thickness 12.5 mm, can be fixed to a substrate with utilisation of the Nida Fix adhesive, or to a steel structure with utilisation of steel sections.

When one, or a few layers of the Nida Ogień Plus (Type DF) boards, thickness 12.5 mm, or 15 mm, are fixed to a steel structure with additional insulation material, the load-bearing walls of the building can reach the EI120 fire resistance class. When such structures are constructed, the acoustic and thermal insulation of their external walls is increased.

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nida Tynk / index of systems



Page	Nida Tynk system name ¹⁾	Way of fixing to substrates		Sheathing of plasterboards		Overall thickness [mm]	Maximum height [mm]	Weight of 1m ² of encasement [kg]	Fire resistance class [min]
		Nida	Expert	Nida	Thickness [mm]				
THE SYSTEM OF ANCHORED WALL CLADDING WITH THE NIDA FIX GYPSUM ADHESIVE									
81	9,5/Expert	Fix	Expert	9,5	A	22,0	6000	12,0	-
81	12,5/Expert	Fix	Expert	12,5	A	25,0	6000	13,0	-
81	12,5/Woda ²⁾	Fix	Woda	12,5	H2	25,0	6000	13,0	-
81	12,5/Ogień+	Fix	Ogień Plus	12,5	DF	25,0	6000	15,0	-
81	12,5/WodaOgień+	Fix	Woda Ogień Plus	12,5	DFH2	25,0	6000	15,0	-
81	12,5/Cicha	Fix	Cicha	12,5	DFH1R	25,0	6000	18,0	-
81	12,5/Twarda	Fix	Twarda	12,5	DEFH1R	25,0	6000	18,0	-
81	12,5/Hydro	Fix	Hydro	12,5	GMFH1I	25,0	6000	16,0	-

¹⁾ European Technical Assessment ETA 15/0301.
²⁾ 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 Tynk system name ¹⁾	Sheathing of plasterboards			Load-bearing structure		Insulation material	Maximum height [mm]	Increase of acoustic insulation ΔRw max [dB]	Weight of 1m ² of encasement [kg]	Fire resistance class [min]	Special system
		Nida	Thickness [mm]	Marking acc. to standard	Spacing of the Nida ES60 fasteners [mm]	Spacing of the Nida CD60 profiles [mm]						
THE SYSTEM OF WALL CLADDING ANCHORED TO THE NIDA CD60 LOAD-BEARING STRUCTURE												
83	CD/ES-12,5/Expert	Expert	12,5	A	1250	600	optional	without limits	11	10,0	-	-
83	CD/ES-12,5/Woda ²⁾	Woda	12,5	H2	1250	600	optional	without limits	11	10,0	-	-
83	CD/ES-12,5/Ogień+	Ogień Plus	12,5	DF	1250	600	optional	without limits	11	12,0	(R)EI15	-
83	CD/ES-12,5/WodaOgień+	Woda Ogień Plus	12,5	DFH2	1250	600	optional	without limits	11	12,0	(R)EI15	-
83	CD/ES-12,5/Cicha	Cicha	12,5	DFH1R	1250	600	optional	without limits	11	15,0	(R)EI15	●
83	CD/ES-12,5/Twarda	Twarda	12,5	DEFH1R	1250	600	optional	without limits	11	15,0	(R)EI15	●
83	CD/ES-12,5/Hydro	Hydro	12,5	GMFH1I	1250	600	optional	without limits	11	13,0	(R)EI15	●
83	CD/ES-18/Ogień+	Ogień Plus	18,0	DF	1250	600	optional	without limits	11	16,0	(R)EI30	-
85	CD/ES-25/Expert	Expert	2x12,5	A	1250	600	optional	without limits	11	19,0	-	-
85	CD/ES-25/Woda ²⁾	Woda	2x12,5	H2	1250	600	optional	without limits	11	19,0	-	-
85	CD/ES-25/OgieńTypF	Ogień Typ F	2x12,5	F	1250	600	optional	without limits	11	19,0	(R)EI30	-
85	CD/ES-25/Ogień+	Ogień Plus	2x12,5	DF	1250	600	optional	without limits	11	22,0	(R)EI30	-
85	CD/ES-25/WodaOgień+	Woda Ogień Plus	2x12,5	DFH2	1250	600	optional	without limits	11	22,0	(R)EI30	-
85	CD/ES-25/Cicha	Cicha	2x12,5	DFH1R	1250	600	optional	without limits	11	28,0	(R)EI30	●
85	CD/ES-25/Twarda	Twarda	2x12,5	DEFH1R	1250	600	optional	without limits	11	28,0	(R)EI30	●
85	CD/ES-25/Hydro	Hydro	2x12,5	GMFH1I	1250	600	optional	without limits	11	24,0	(R)EI30	●
85	CD/ES-27,5/Ogień+ ³⁾	Ogień Plus	1x12,5+1x15,0	DF	1250	600	optional	without limits	11	26,0	(R)EI60	-
85	CD/ES-30/Ogień+	Ogień Plus	2x15,0	DF	1250	600	optional	without limits	11	29,0	(R)EI60	-
85	CD/ES-30/Twarda	Twarda	2x15,0	DEFH1R	1250	600	optional	without limits	11	33,0	(R)EI60	●
85	CD/ES-30/Hydro	Hydro	2x15,0	GMFH1I	1250	600	optional	without limits	11	29,0	(R)EI60	●
87	CD/ES-37,5/Ogień+	Ogień Plus	3x12,5	DF	1250	600	optional	without limits	11	33,0	(R)EI60	-
87	CD/ES-37,5/WodaOgień+	Woda Ogień Plus	3x12,5	DFH2	1250	600	optional	without limits	11	33,0	(R)EI60	-
87	CD/ES-37,5/Cicha	Cicha	3x12,5	DFH1R	1250	600	optional	without limits	11	41,0	(R)EI60	●
87	CD/ES-37,5/Twarda	Twarda	3x12,5	DEFH1R	1250	600	optional	without limits	11	41,0	(R)EI60	●
87	CD/ES-37,5/Hydro	Hydro	3x12,5	GMFH1I	1250	600	optional	without limits	11	35,0	(R)EI60	●
87	CD/ES-45/Ogień+ ⁴⁾	Ogień Plus	3x15,0	DF	1250	600	optional	without limits	11	43,0	(R)EI120	-
87	CD/ES-45/WodaOgień+ ⁴⁾	Woda Ogień Plus	3x15,0	DFH2	1250	600	optional	without limits	11	43,0	(R)EI120	-
89	CD/ES-50/Ogień+	Ogień Plus	4x12,5	DF	1250	600	optional	without limits	11	43,0	(R)EI90	-
89	CD/ES-50/WodaOgień+	Woda Ogień Plus	4x12,5	DFH2	1250	600	optional	without limits	11	43,0	(R)EI90	-
89	CD/ES-50/Cicha	Cicha	4x12,5	DFH1R	1250	600	optional	without limits	11	54,0	(R)EI90	●

Page	Nida Tynk system name ¹⁾	Sheathing of plasterboards			Load-bearing structure		Insulation material	Maximum height [mm]	Increase of acoustic insulation ΔRw max [dB]	Weight of 1m ² of encasement [kg]	Fire resistance class [min]	Special system
		Nida	Thickness [mm]	Marking acc. to standard	Spacing of the Nida ES60 fasteners [mm]	Spacing of the Nida CD60 profiles [mm]						
89	CD/ES-50/Twarda	Twarda	4x12,5	DEFH1R	1250	600	optional	without limits	11	54,0	(R)EI90	●
89	CD/ES-50/Hydro	Hydro	4x12,5	GMFH1I	1250	600	optional	without limits	11	46,0	(R)EI90	●
89	CD/ES-55/Ogień+	Ogień Plus	2x12,5+2x15,0	DF	1250	600	optional	without limits	11	50,0	(R)EI120	-
89	CD/ES-55/Twarda	Twarda	2x12,5+2x15,0	DEFH1R	1250	600	optional	without limits	11	60,0	(R)EI120	●
89	CD/ES-55/Hydro	Hydro	2x12,5+2x15,0	GMFH1I	1250	600	optional	without limits	11	51,0	(R)EI120	●
89	CD/ES-60/Ogień+	Ogień Plus	4x15,0	DF	1250	600	optional	without limits	11	57,0	(R)EI120	-
89	CD/ES-60/Twarda	Twarda	4x15,0	DEFH1R	1250	600	optional	without limits	11	64,0	(R)EI120	●
89	CD/ES-60/Hydro	Hydro	4x15,0	GMFH1I	1250	600	optional	without limits	11	57,0	(R)EI120	●

¹⁾ European Technical Assessment ETA 15/0301.
²⁾ 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.)
³⁾ 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.
⁴⁾ Within the systems for the fire resistance (R)EI120 and 3x15.0 mm configuration replacement of board types is not possible.



Page	Nida Tynk system name ¹⁾	Sheathing of plasterboards			Load-bearing structure		Insulation material	Maximum height [mm]	Sound absorption coefficient ²⁾ α _w	Weight of 1m ² of encasement [kg]	Fire resistance class [min]	
		Nida	Thickness [mm]	Marking acc. to standard	Spacing of the Nida ES60 fasteners [mm]	Spacing of the Nida CD60 profiles [mm]						
THE SYSTEM OF WALL CLADDING ANCHORED TO THE NIDA CD60 LOAD-BEARING STRUCTURE												
91	CD/ES-12,5/SonicR6n0	Sonic R6n0	12,5	A	1250	300	glass wool	40	without limits	0,45	12,0	-
91	CD/ES-12,5/SonicR8n0	Sonic R8n0	12,5	A	1250	300	glass wool	40	without limits	0,65	12,0	-
91	CD/ES-12,5/SonicR10n0	Sonic R10n0	12,5	A	1250	300	glass wool	40	without limits	0,65	12,0	-
91	CD/ES-12,5/SonicR12n0	Sonic R12n0	12,5	A	1250	300	glass wool	40	without limits	0,70	12,0	-
91	CD/ES-12,5/SonicR15n0	Sonic R15n0	12,5	A	1250	300	glass wool	40	without limits	0,70	12,0	-
91	CD/ES-12,5/SonicRN8/15/20n0	Sonic RN8/15/20n0	12,5	A	1250	300	glass wool	40	without limits	0,45	12,0	-
91	CD/ES-12,5/SonicR8/12n0	Sonic R8/12n0	12,5	A	1250	300	glass wool	40	without limits	0,60	12,0	-
91	CD/ES-12,5/SonicR12/20n0	Sonic R12/20n0	12,5	A	1250	300	glass wool	40	without limits	0,70	12,0	-
91	CD/ES-12,5/SonicRN12/20/35n0	Sonic RN12/20/35n0	12,5	A	1250	300	glass wool	-	without limits	0,40	12,0	-
91	CD/ES-12,5/SonicC8n0	Sonic C8n0	12,5	A	1250	300	glass wool	-	without limits	0,60	12,0	-
91	CD/ES-12,5/SonicC12n0	Sonic C12n0	12,5	A	1250	300	glass wool	-	without limits	0,55	12,0	-
93	CD/ES-12,5/SonicR15n1	Sonic R15n1 ³⁾	12,5	A	1250	300	glass wool	80	without limits	0,60	12,0	-
93	CD/ES-12,5/SonicR12n2	Sonic R12n2 ³⁾	12,5	A	1250	300	glass wool	80	without limits	0,60	12,0	-
93	CD/ES-12,5/SonicR15n8	Sonic R15n8 ³⁾	12,5	A	1250	300	glass wool	80	without limits	0,50	12,0	-
93	CD/ES-12,5/SonicC10n8	Sonic C10n8 ³⁾	12,5	A	1250	300	glass wool	80	without limits	0,70	12,0	-
93	CD/ES-12,5/SonicL5x80n8	Sonic L5x80n8 ³⁾	12,5	A	1250	300	glass wool	80	without limits	0,55	12,0	-

¹⁾ European Technical Assessment ETA 15/0301.
²⁾ Test report ITB LA-1187a/2005.
³⁾ The plasterboard is under the trade name Creason.



Page	Nida Tynk system name ¹⁾	Sheathing of plasterboards			Load-bearing structure		Insulation material	Maximum height	Increase of acoustic insulation	Weight of 1m ² of encasement	Fire resistance class	Special system
		Nida	Thickness [mm]	Marking acc. to standard	Spacing of the Nida EL60 fasteners [mm]	Spacing of the Nida CD60 profiles [mm]						
THE SYSTEM OF WALL CLADDING ANCHORED TO THE NIDA CD60 LOAD-BEARING STRUCTURE												
95	CD/EL-12,5/Expert	Expert	12,5	A	1250	600	optional	without limits	11	10,0	-	-
95	CD/EL-12,5/Woda ²⁾	Woda	12,5	H2	1250	600	optional	without limits	11	10,0	-	-
95	CD/EL-12,5/Ogień+	Ogień Plus	12,5	DF	1250	600	optional	without limits	11	12,0	(R)EI15	-
95	CD/EL-12,5/WodaOgień+	Woda Ogień Plus	12,5	DFH2	1250	600	optional	without limits	11	12,0	(R)EI15	-
95	CD/EL-12,5/Cicha	Cicha	12,5	DFH1IR	1250	600	optional	without limits	11	15,0	(R)EI15	●
95	CD/EL-12,5/Twarda	Twarda	12,5	DEFH1IR	1250	600	optional	without limits	11	15,0	(R)EI15	●
95	CD/EL-12,5/Hydro	Hydro	12,5	GMFH1I	1250	600	optional	without limits	11	13,0	(R)EI15	●
95	CD/EL-18/Ogień+	Ogień Plus	18,0	DF	1250	600	optional	without limits	11	16,0	(R)EI30	-
97	CD/EL-25/Expert	Expert	2x12,5	A	1250	600	optional	without limits	11	19,0	-	-
97	CD/EL-25/Woda ²⁾	Woda	2x12,5	H2	1250	600	optional	without limits	11	19,0	-	-
97	CD/EL-25/OgieńTypF	Ogień Typ F	2x12,5	F	1250	600	optional	without limits	11	19,0	(R)EI30	-
97	CD/EL-25/Ogień+	Ogień Plus	2x12,5	DF	1250	600	optional	without limits	11	22,0	(R)EI30	-
97	CD/EL-25/WodaOgień+	Woda Ogień Plus	2x12,5	DFH2	1250	600	optional	without limits	11	22,0	(R)EI30	-
97	CD/EL-25/Cicha	Cicha	2x12,5	DFH1IR	1250	600	optional	without limits	11	28,0	(R)EI30	●
97	CD/EL-25/Twarda	Twarda	2x12,5	DEFH1IR	1250	600	optional	without limits	11	28,0	(R)EI30	●
97	CD/EL-25/Hydro	Hydro	2x12,5	GMFH1I	1250	600	optional	without limits	11	24,0	(R)EI30	●
97	CD/EL-27,5/Ogień+ ³⁾	Ogień Plus	1x12,5+1x15,0	DF	1250	600	optional	without limits	11	26,0	(R)EI60	-
97	CD/EL-30/Ogień+	Ogień Plus	2x15,0	DF	1250	600	optional	without limits	11	29,0	(R)EI60	-
97	CD/EL-30/Twarda	Twarda	2x15,0	DEFH1IR	1250	600	optional	without limits	11	33,0	(R)EI60	●
97	CD/EL-30/Hydro	Hydro	2x15,0	GMFH1I	1250	600	optional	without limits	11	29,0	(R)EI60	●
99	CD/EL-37,5/Ogień+	Ogień Plus	3x12,5	DF	1250	600	optional	without limits	11	33,0	(R)EI60	-
99	CD/EL-37,5/WodaOgień+	Woda Ogień Plus	3x12,5	DFH2	1250	600	optional	without limits	11	33,0	(R)EI60	-
99	CD/EL-37,5/Cicha	Cicha	3x12,5	DFH1IR	1250	600	optional	without limits	11	41,0	(R)EI60	●
99	CD/EL-37,5/Twarda	Twarda	3x12,5	DEFH1IR	1250	600	optional	without limits	11	41,0	(R)EI60	●
99	CD/EL-37,5/Hydro	Hydro	3x12,5	GMFH1I	1250	600	optional	without limits	11	35,0	(R)EI60	●
99	CD/EL-45/Ogień+ ⁴⁾	Ogień Plus	3x15,0	DF	1250	600	optional	without limits	11	43,0	(R)EI120	-
99	CD/EL-45/WodaOgień+ ⁴⁾	Woda Ogień Plus	3x15,0	DFH2	1250	600	optional	without limits	11	43,0	(R)EI120	-
101	CD/EL-50/Ogień+	Ogień Plus	4x12,5	DF	1250	600	optional	without limits	11	43,0	(R)EI90	-
101	CD/EL-50/WodaOgień+	Woda Ogień Plus	4x12,5	DFH2	1250	600	optional	without limits	11	43,0	(R)EI90	-
101	CD/EL-50/Cicha	Cicha	4x12,5	DFH1IR	1250	600	optional	without limits	11	54,0	(R)EI90	●
101	CD/EL-50/Twarda	Twarda	4x12,5	DEFH1IR	1250	600	optional	without limits	11	54,0	(R)EI90	●
101	CD/EL-50/Hydro	Hydro	4x12,5	GMFH1I	1250	600	optional	without limits	11	46,0	(R)EI90	●
101	CD/EL-55/Ogień+	Ogień Plus	2x12,5+2x15,0	DF	1250	600	optional	without limits	11	50,0	(R)EI120	-
101	CD/EL-55/Twarda	Twarda	2x12,5+2x15,0	DEFH1IR	1250	600	optional	without limits	11	60,0	(R)EI120	●
101	CD/EL-55/Hydro	Hydro	2x12,5+2x15,0	GMFH1I	1250	600	optional	without limits	11	51,0	(R)EI120	●
101	CD/EL-60/Ogień+	Ogień Plus	4x15,0	DF	1250	600	optional	without limits	11	57,0	(R)EI120	-
101	CD/EL-60/Twarda	Twarda	4x15,0	DEFH1IR	1250	600	optional	without limits	11	64,0	(R)EI120	●
101	CD/EL-60/Hydro	Hydro	4x15,0	GMFH1I	1250	600	optional	without limits	11	57,0	(R)EI120	●

¹⁾ European Technical Assessment ETA 15/0301.

²⁾ 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.)

³⁾ 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.

⁴⁾ Within the systems for the fire resistance (R)EI120 and 3x15,0 mm configuration replacement of board types is not possible.

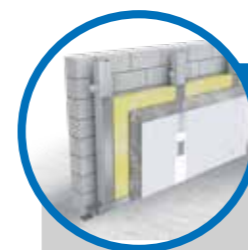


Page	Nida Tynk system name ¹⁾	Sheathing of plasterboards			Load-bearing structure		Insulation material	Maximum height	Increase of acoustic insulation	Weight of 1m ² of encasement	Fire resistance class	Special system
		Nida	Thickness [mm]	Marking acc. to standard	Spacing of the Nida EL60 fasteners [mm]	Spacing of the Nida CD60 profiles [mm]						
THE SYSTEM OF WALL CLADDING ANCHORED TO THE NIDA CD60 LOAD-BEARING STRUCTURE												
103	CD/EL-12,5/SonicR6n0	Sonic R6n0	12,5	A	1250	300	glass wool	40	without limits	0,45	12,0	-
103	CD/EL-12,5/SonicR8n0	Sonic R8n0	12,5	A	1250	300	glass wool	40	without limits	0,65	12,0	-
103	CD/EL-12,5/SonicR10n0	Sonic R10n0	12,5	A	1250	300	glass wool	40	without limits	0,65	12,0	-
103	CD/EL-12,5/SonicR12n0	Sonic R12n0	12,5	A	1250	300	glass wool	40	without limits	0,70	12,0	-
103	CD/EL-12,5/SonicR15n0	Sonic R15n0	12,5	A	1250	300	glass wool	40	without limits	0,70	12,0	-
103	CD/EL-12,5/SonicRN8/15/20n0	Sonic RN8/15/20n0	12,5	A	1250	300	glass wool	40	without limits	0,45	12,0	-
103	CD/EL-12,5/SonicR8/12n0	Sonic R8/12n0	12,5	A	1250	300	glass wool	40	without limits	0,60	12,0	-
103	CD/EL-12,5/SonicR12/20n0	Sonic R12/20n0	12,5	A	1250	300	glass wool	40	without limits	0,70	12,0	-
103	CD/EL-12,5/SonicRN12/20/35n0	Sonic RN12/20/35n0	12,5	A	1250	300	glass wool	-	without limits	0,40	12,0	-
103	CD/EL-12,5/SonicC8n0	Sonic C8n0	12,5	A	1250	300	glass wool	-	without limits	0,60	12,0	-
103	CD/EL-12,5/SonicC12n0	Sonic C12n0	12,5	A	1250	300	glass wool	-	without limits	0,55	12,0	-
105	CD/EL-12,5/SonicR15n1	Sonic R15n1 ³⁾	12,5	A	1250	300	glass wool	80	without limits	0,60	12,0	-
105	CD/EL-12,5/SonicR12n2	Sonic R12n2 ³⁾	12,5	A	1250	300	glass wool	80	without limits	0,60	12,0	-
105	CD/EL-12,5/SonicR15n8	Sonic R15n8 ³⁾	12,5	A	1250	300	glass wool	80	without limits	0,50	12,0	-
105	CD/EL-12,5/SonicC10n8	Sonic C10n8 ³⁾	12,5	A	1250	300	glass wool	80	without limits	0,70	12,0	-
105	CD/EL-12,5/SonicL5x80n8	Sonic L5x80n8 ³⁾	12,5	A	1250	300	glass wool	80	without limits	0,55	12,0	-

¹⁾ European Technical Assessment ETA 15/0301.

²⁾ Test report ITB LA-1187a/2005.

³⁾ The plasterboard is under the trade name Creason.



Page	Nida Tynk system name ¹⁾	Sheathing of plasterboards			Load-bearing structure		Insulation material	Maximum height	Increase of acoustic insulation	Weight of 1m ² of encasement	Fire resistance class	Special system
		Nida	Thickness [mm]	Marking acc. to standard	Spacing of the Nida ES60 fasteners [mm]	Spacing of the Nida CD60 profiles [mm]						
107	CD/ES-13/RTG	RTG	12,5 + 0,5	DF	1250	625	optional	without limits	11	18,0	-	●
107	CD/ES-13,5/RTG	RTG	12,5 + 1,0	DF	1250	625	optional	without limits	11	23,0	-	●
107	CD/ES-14/RTG	RTG	12,5 + 1,5	DF	1250	625	optional	without limits	11	29,0	-	●
107	CD/ES-14,5/RTG	RTG	12,5 + 2,0	DF	1250	625	optional	without limits	11	35,0	-	●
107	CD/ES-15/RTG	RTG	12,5 + 2,5	DF	1250	625	optional	without limits	11	41,0	-	●
107	CD/ES-15,5/RTG	RTG	12,5 + 3,0	DF	1250	625	optional	without limits	11	46,0	-	●

¹⁾ European Technical Assessment ETA 15/0301.



Page	Nida Tynk system name ¹⁾	Sheathing of plasterboards			Load-bearing structure		Insulation material	Maximum height	Increase of acoustic insulation	Weight of 1m ² of encasement	Fire resistance class	Special system
		Nida	Thickness [mm]	Marking acc. to standard	Spacing of the anchoring element [mm]	Spacing of the Nida PK48 profiles [mm]						
								ΔR_w max [dB]	[kg]	[min]		
THE SYSTEM OF WALL CLADDING ANCHORED TO THE NIDA PK48 LOAD-BEARING STRUCTURE												
109	PK48-12,5/Expert	Expert	12,5	A	1000	600	optional	without limits	11	10,0	-	-
109	PK48-12,5/Woda ²⁾	Woda	12,5	H2	1000	600	optional	without limits	11	10,0	-	-
109	PK48-12,5/Ogień+	Ogień Plus	12,5	DF	1000	600	optional	without limits	11	12,0	(R)EI15	-
109	PK48-12,5/WodaOgień+	Woda Ogień Plus	12,5	DFH2	1000	600	optional	without limits	11	12,0	(R)EI15	-
109	PK48-12,5/Cicha	Cicha	12,5	DFH1IR	1000	600	optional	without limits	11	14,0	(R)EI15	●
109	PK48-12,5/Twarda	Twarda	12,5	DEFH1IR	1000	600	optional	without limits	11	14,0	(R)EI15	●
109	PK48-12,5/Hydro	Hydro	12,5	GMFH1I	1000	600	optional	without limits	11	12,0	(R)EI15	●
109	PK48-18/Ogień+	Ogień Plus	18,0	DF	1000	600	optional	without limits	11	15,0	(R)EI30	-
111	PK48-25/Expert	Expert	2x12,5	A	1000	600	optional	without limits	11	18,0	-	-
111	PK48-25/Woda ²⁾	Woda	2x12,5	H2	1000	600	optional	without limits	11	18,0	-	-
111	PK48-25/OgieńTypF	Ogień Typ F	2x12,5	F	1250	600	optional	without limits	11	19,0	(R)EI30	-
111	PK48-25/Ogień+	Ogień Plus	2x12,5	DF	1000	600	optional	without limits	11	22,0	(R)EI30	-
111	PK48-25/WodaOgień+	Woda Ogień Plus	2x12,5	DFH2	1000	600	optional	without limits	11	22,0	(R)EI30	-
111	PK48-25/Cicha	Cicha	2x12,5	DFH1IR	1000	600	optional	without limits	11	27,0	(R)EI30	●
111	PK48-25/Twarda	Twarda	2x12,5	DEFH1IR	1000	600	optional	without limits	11	27,0	(R)EI30	●
111	PK48-25/Hydro	Hydro	2x12,5	GMFH1I	1000	600	optional	without limits	11	23,0	(R)EI30	●
111	PK48-27,5/Ogień+ ³⁾	Ogień Plus	1x12,5+1x15,0	DF	1250	600	optional	without limits	11	26,0	(R)EI60	-
111	PK48-30/Ogień+	Ogień Plus	2x15,0	DF	1000	600	optional	without limits	11	29,0	(R)EI60	-
111	PK48-30/Twarda	Twarda	2x15,0	DEFH1IR	1000	600	optional	without limits	11	33,0	(R)EI60	●
111	PK48-30/Hydro	Hydro	2x15,0	GMFH1I	1000	600	optional	without limits	11	29,0	(R)EI60	●
113	PK48-37,5/Ogień+	Ogień Plus	3x12,5	DF	1000	600	optional	without limits	11	32,0	(R)EI60	-
113	PK48-37,5/WodaOgień+	Woda Ogień Plus	3x12,5	DFH2	1000	600	optional	without limits	11	32,0	(R)EI60	-
113	PK48-37,5/Cicha	Cicha	3x12,5	DFH1IR	1000	600	optional	without limits	11	41,0	(R)EI60	●
113	PK48-37,5/Twarda	Twarda	3x12,5	DEFH1IR	1000	600	optional	without limits	11	41,0	(R)EI60	●
113	PK48-37,5/Hydro	Hydro	3x12,5	GMFH1I	1000	600	optional	without limits	11	35,0	(R)EI60	●
113	PK48-45/Ogień+ ⁴⁾	Ogień Plus	3x15,0	DF	1000	600	optional	without limits	11	43,0	(R)EI120	-
113	PK48-45/WodaOgień+ ⁴⁾	Woda Ogień Plus	3x15,0	DFH2	1000	600	optional	without limits	11	43,0	(R)EI120	-
115	PK48-50/Ogień+	Ogień Plus	4x12,5	DF	1000	600	optional	without limits	11	42,0	(R)EI90	-
115	PK48-50/WodaOgień+	Woda Ogień Plus	4x12,5	DFH2	1000	600	optional	without limits	11	42,0	(R)EI90	-
115	PK48-50/Cicha	Cicha	4x12,5	DFH1IR	1000	600	optional	without limits	11	54,0	(R)EI90	●
115	PK48-50/Twarda	Twarda	4x12,5	DEFH1IR	1000	600	optional	without limits	11	54,0	(R)EI90	●
115	PK48-50/Hydro	Hydro	4x12,5	GMFH1I	1000	600	optional	without limits	11	46,0	(R)EI90	●
115	PK48-55/Ogień+	Ogień Plus	2x12,5+2x15,0	DF	1000	600	optional	without limits	11	50,0	(R)EI120	-
115	PK48-55/Twarda	Twarda	2x12,5+2x15,0	DEFH1IR	1000	600	optional	without limits	11	59,0	(R)EI120	●
115	PK48-55/Hydro	Hydro	2x12,5+2x15,0	GMFH1I	1000	600	optional	without limits	11	51,0	(R)EI120	●
115	PK48-60/Ogień+	Ogień Plus	4x15,0	DF	1000	600	optional	without limits	11	56,0	(R)EI120	-
115	PK48-60/Twarda	Twarda	4x15,0	DEFH1IR	1000	600	optional	without limits	11	64,0	(R)EI120	●
115	PK48-60/Hydro	Hydro	4x15,0	GMFH1I	1000	600	optional	without limits	11	56,0	(R)EI120	●

¹⁾ European Technical Assessment ETA 15/0301.

²⁾ 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.)

³⁾ 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.

⁴⁾ Within the systems for the fire resistance (R)EI120 and 3x15,0 mm configuration replacement of board types is not possible.



Page	Nida Tynk system name ¹⁾	Sheathing of plasterboards			Load-bearing structure		Insulation material	Maximum height	Increase of acoustic insulation	Weight of 1m ² of encasement	Fire resistance class	Special system
		Nida	Thickness [mm]	Marking acc. to standard	Spacing of the steel angle profiles ²⁾ [mm]	Spacing of the Nida C100 profiles [mm]						
								ΔR_w max [dB]	[kg]	[min]		
THE SYSTEM OF WALL CLADDING ANCHORED TO THE NIDA C100 LOAD-BEARING STRUCTURE												
117	C100/L-12,5/Expert	Expert	12,5	A	2500	600	optional	10000	11	11,0	-	-
117	C100/L-12,5/Woda ³⁾	Woda	12,5	H2	2500	600	optional	10000	11	11,0	-	-
117	C100/L-12,5/Ogień+	Ogień Plus	12,5	DF	2500	600	optional	10000	11	13,0	(R)EI15	-
117	C100/L-12,5/WodaOgień+	Woda Ogień Plus	12,5	DFH2	2500	600	optional	10000	11	13,0	(R)EI15	-
117	C100/L-12,5/Cicha	Cicha	12,5	DFH1IR	2500	600	optional	10000	11	16,0	(R)EI15	●
117	C100/L-12,5/Twarda	Twarda	12,5	DEFH1IR	2500	600	optional	10000	11	16,0	(R)EI15	●
117	C100/L-12,5/Hydro	Hydro	12,5	GMFH1I	2500	600	optional	10000	11	14,0	(R)EI15	●
117	C100/L-18/Ogień+	Ogień Plus	18,0	DF	2500	600	optional	10000	11	17,0	(R)EI30	-
119	C100/L-25/Expert	Expert	2x12,5	A	2500	600	optional	10000	11	20,0	-	-
119	C100/L-25/Woda ³⁾	Woda	2x12,5	H2	2500	600	optional	10000	11	20,0	-	-
119	C100/L-25/OgieńTypF	Ogień Typ F	2x12,5	F	2500	600	optional	10000	11	20,0	(R)EI30	-
119	C100/L-25/Ogień+	Ogień Plus	2x12,5	DF	2500	600	optional	10000	11	24,0	(R)EI30	-
119	C100/L-25/WodaOgień+	Woda Ogień Plus	2x12,5	DFH2	2500	600	optional	10000	11	24,0	(R)EI30	-
119	C100/L-25/Cicha	Cicha	2x12,5	DFH1IR	2500	600	optional	10000	11	29,0	(R)EI30	●
119	C100/L-25/Twarda	Twarda	2x12,5	DEFH1IR	2500	600	optional	10000	11	29,0	(R)EI30	●
119	C100/L-25/Hydro	Hydro	2x12,5	GMFH1I	2500	600	optional	10000	11	25,0	(R)EI30	●
119	C100/L-27,5/Ogień+ ⁴⁾	Ogień Plus	1x12,5+1x15,0	DF	2500	600	optional	10000	11	27,0	(R)EI60	-
119	C100/L-30/Ogień+	Ogień Plus	2x15,0	DF	2500	600	optional	10000	11	31,0	(R)EI60	-
119	C100/L-30/Twarda	Twarda	2x15,0	DEFH1IR	2500	600	optional	10000	11	34,0	(R)EI60	●
119	C100/L-30/Hydro	Hydro	2x15,0	GMFH1I	2500	600	optional	10000	11	31,0	(R)EI60	●
121	C100/L-37,5/Ogień+	Ogień Plus	3x12,5	DF	2500	600	optional	10000	11	34,0	(R)EI60	-
121	C100/L-37,5/WodaOgień+	Woda Ogień Plus	3x12,5	DFH2	2500	600	optional	10000	11	34,0	(R)EI60	-
121	C100/L-37,5/Cicha	Cicha	3x12,5	DFH1IR	2500	600	optional	10000	11	42,0	(R)EI60	●
121	C100/L-37,5/Twarda	Twarda	3x12,5	DEFH1IR	2500	600	optional	10000	11	42,0	(R)EI60	●
121	C100/L-37,5/Hydro	Hydro	3x12,5	GMFH1I	2500	600	optional	10000	11	36,0	(R)EI60	●
121	C100/L-45/Ogień+ ⁵⁾	Ogień Plus	3x15,0	DF	2500	600	optional	10000	11	44,0	(R)EI120	-
121	C100/L-45/WodaOgień+ ⁵⁾	Woda Ogień Plus	3x15,0	DFH2	2500	600	optional	10000	11	44,0	(R)EI120	-
123	C100/L-50/Ogień+	Ogień Plus	4x12,5	DF	2500	600	optional	10000	11	44,0	(R)EI90	-
123	C100/L-50/WodaOgień+	Woda Ogień Plus	4x12,5	DFH2	2500	600	optional	10000	11	44,0	(R)EI90	-
123	C100/L-50/Cicha	Cicha	4x12,5	DFH1IR	2500	600	optional	10000	11	55,0	(R)EI90	●
123	C100/L-50/Twarda	Twarda	4x12,5	DEFH1IR	2500	600	optional	10000	11	55,0	(R)EI90	●
123	C100/L-50/Hydro	Hydro	4x12,5	GMFH1I	2500	600	optional	10000	11	47,0	(R)EI90	●
123	C100/L-55/Ogień+	Ogień Plus	2x12,5+2x15,0	DF	2500	600	optional	10000	11	52,0	(R)EI120	-
123	C100/L-55/Twarda	Twarda	2x12,5+2x15,0	DEFH1IR	2500	600	optional	10000	11	61,0	(R)EI120	●
123	C100/L-55/Hydro	Hydro	2x12,5+2x15,0	GMFH1I	2500	600	optional	10000	11	53,0	(R)EI120	●
123	C100/L-60/Ogień+	Ogień Plus	4x15,0	DF	2500	600	optional	10000	11	58,0	(R)EI120	-
123	C100/L-60/Twarda	Twarda	4x15,0	DEFH1IR	2500	600	optional	10000	11	66,0	(R)EI120	●
123	C100/L-60/Hydro	Hydro	4x15,0	GMFH1I	2500	600	optional	10000	11	58,0	(R)EI120	●

¹⁾ European Technical Assessment ETA 15/0301.

²⁾ In order to achieve higher acoustic insulation parameters the PHONI SL with a single angle arm acoustic connector should be utilised.

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.)

⁴⁾ 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.

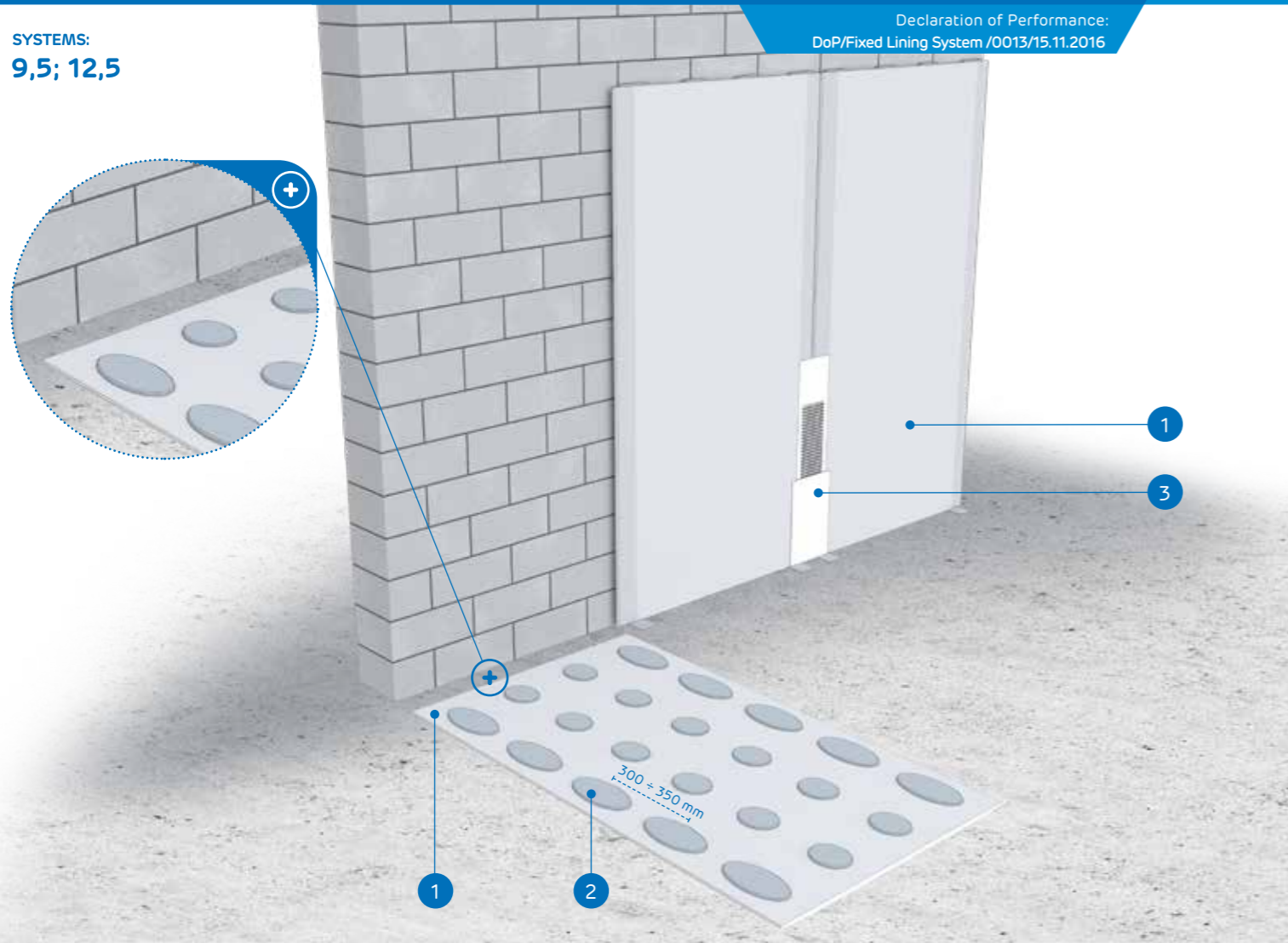
⁵⁾ Within the systems for the fire resistance (R)EI120 and 3x15,0 mm configuration replacement of board types is not possible.

nida Tynk

- 
 Fire resistance class:
N/A
- 
 Increase of acoustic insulation:
N/A
- 
 Maximum encasement height:
6000 mm
- 
 Weight of 1m² of encasement:
12,0-18,0 kg
- 
 Number of related document:
ETA 15/0301

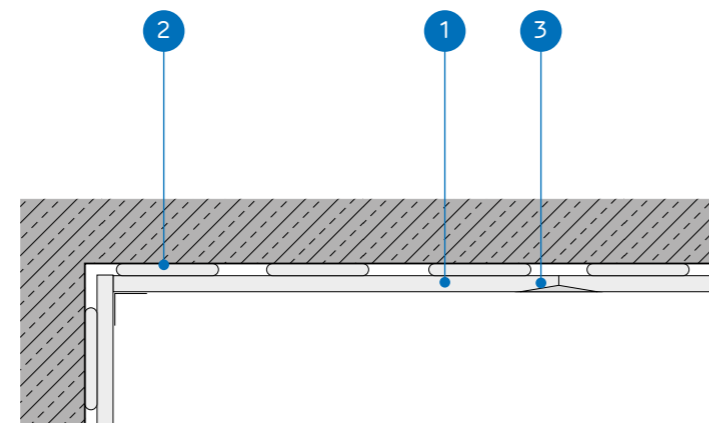
Declaration of Performance:
DoP/Fixed Lining System /0013/15.11.2016

SYSTEMS:
9,5; 12,5



MATERIALS:

1. Nida plasterboard
2. Nida Fix gypsum adhesive
3. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape



THE SYSTEM OF ANCHORED WALL CLADDING WITH THE NIDA FIX GYPSUM ADHESIVE

TECHNICAL PARAMETERS

Nida Tynk system name ¹⁾	Way of fixing to substrates		Sheathing of plasterboards		Overall thickness [mm]	Maximum height [mm]	Weight of 1m ² of encasement [kg]	Fire resistance class [min]
	Nida	Nida	Thickness [mm]	Marking acc. to standard				
9,5/Expert	Fix	Expert	9,5	A	22,0	6000	12,0	-
12,5/Expert	Fix	Expert	12,5	A	25,0	6000	13,0	-
12,5/Woda ²⁾	Fix	Woda	12,5	H2	25,0	6000	13,0	-
12,5/Ogień+	Fix	Ogień Plus	12,5	DF	25,0	6000	15,0	-
12,5/WodaOgień+	Fix	Woda Ogień Plus	12,5	DFH2	25,0	6000	15,0	-
12,5/Cicha	Fix	Cicha	12,5	DFH1R	25,0	6000	18,0	-
12,5/Twarda	Fix	Twarda	12,5	DEFH1R	25,0	6000	18,0	-
12,5/Hydro	Fix	Hydro	12,5	GMFH1I	25,0	6000	16,0	-

¹⁾ European Technical Assessment ETA 15/0301.

²⁾ 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 ANCHORED WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk							
		9,5/Expert	12,5/Expert	12,5/Woda	12,5/Ogień+	12,5/WodaOgień+	12,5/Cicha	12,5/Twarda	12,5/Hydro
Consumption of material per 1m ²									
Nida Expert 9,5 mm plasterboard	m ²	1,0	-	-	-	-	-	-	-
Nida Expert 12,5 mm plasterboard	m ²	-	1,0	-	-	-	-	-	-
Nida Woda 12,5 mm plasterboard	m ²	-	-	1,0	-	-	-	-	-
Nida Ogień Plus 12,5 mm plasterboard	m ²	-	-	-	1,0	-	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m ²	-	-	-	-	1,0	-	-	-
Nida Cicha 12,5 mm plasterboard	m ²	-	-	-	-	-	1,0	-	-
Nida Twarda 12,5 mm plasterboard	m ²	-	-	-	-	-	-	1,0	-
Nida Hydro 12,5 mm plasterboard	m ²	-	-	-	-	-	-	-	1,0
Nida Fix gypsum adhesive	kg	4,5	4,5	4,5	4,5	4,5	4,5	4,5	4,5
Nida reinforcement tape	lm	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 ³⁾	kg	-	-	-	-	-	-	0,4	0,4

³⁾ 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 Tynk

Fire resistance class:
**(R)E115
(R)E130**

Increase of acoustic insulation:
11 dB

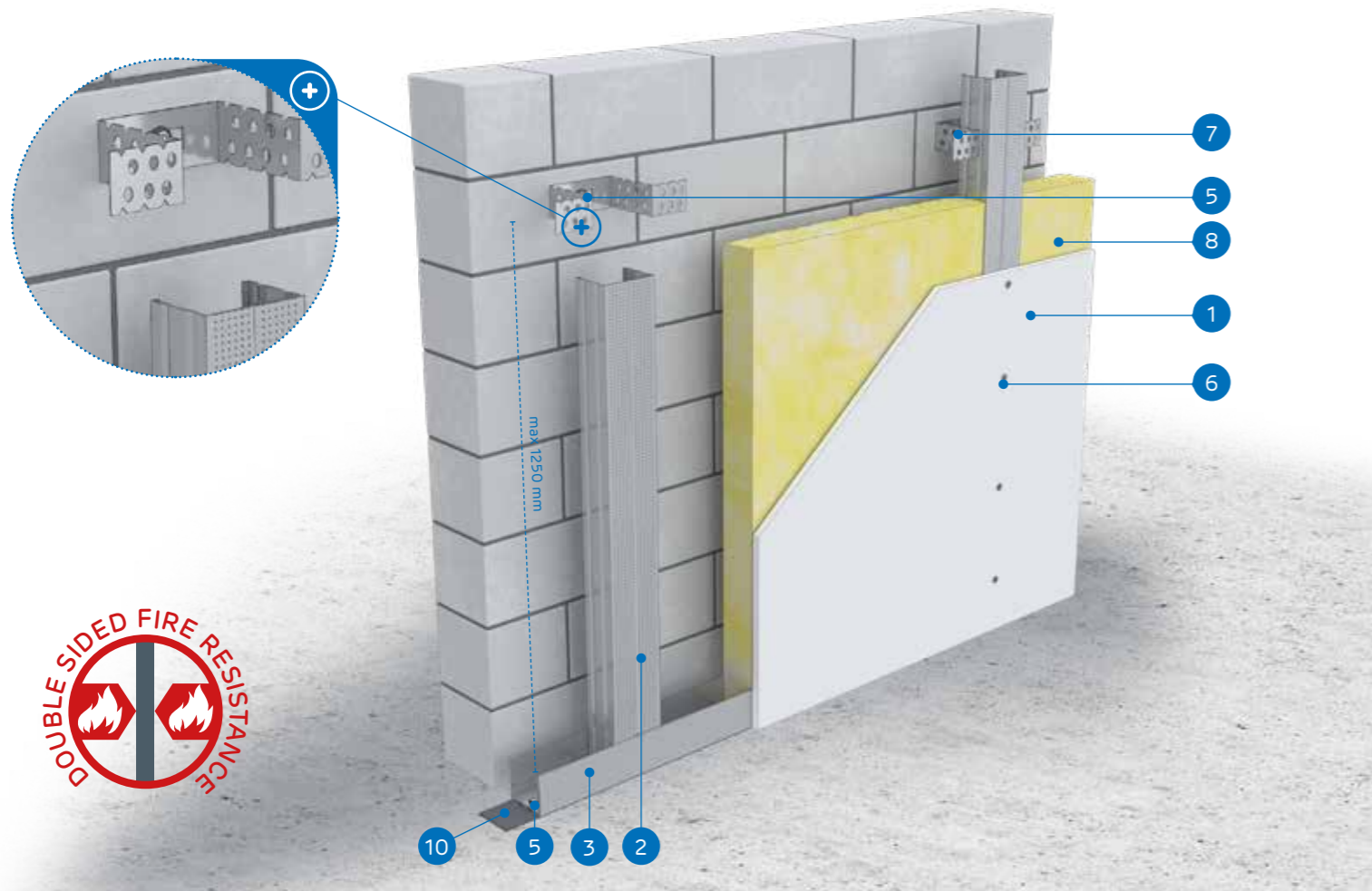
Maximum encasement height:
without limits

Weight of 1m² of encasement:
10,0-16,0 kg

Number of related document:
ETA 15/0301

Declaration of Performance:
DoP/Fixed Lining System /0015/15.11.2016

SYSTEMS:
CD/ES-12,5; CD/ES-18



MATERIALS:

1. Nida plasterboard
2. Nida CD60 profile
3. Nida UD27 profile
4. Nida ES60 fixing element
5. Anchoring element
6. Nida 3.5x25 mm sheet metal screws
7. FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal
8. Insulation material mineral wool (optional)
9. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
10. Self-adhesive tape with lead



THE SYSTEM OF WALL CLADDING ANCHORED TO THE NIDA CD60 LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name ¹⁾	Sheathing of plasterboards			Load-bearing structure		Insulation material	Maximum height	Increase of acoustic insulation	Weight of 1m ² of encasement	Fire resistance class	Special system
	Nida	Thickness [mm]	Marking acc. to standard	Spacing of the Nida ES60 fasteners	Spacing of the Nida CD60 profiles						
				[mm]	[mm]						
CD/ES-12,5/Expert	Expert	12,5	A	1250	600	optional	without limits	11	10,0	-	-
CD/ES-12,5/Woda ²⁾	Woda	12,5	H2	1250	600	optional	without limits	11	10,0	-	-
CD/ES-12,5/Ogień+	Ogień Plus	12,5	DF	1250	600	optional	without limits	11	12,0	(R)E115	-
CD/ES-12,5/WodaOgień+	Woda Ogień Plus	12,5	DFH2	1250	600	optional	without limits	11	12,0	(R)E115	-
CD/ES-12,5/Cicha	Cicha	12,5	DFH1IR	1250	600	optional	without limits	11	15,0	(R)E115	•
CD/ES-12,5/Twarda	Twarda	12,5	DEFH1IR	1250	600	optional	without limits	11	15,0	(R)E115	•
CD/ES-12,5/Hydro	Hydro	12,5	GMFH1I	1250	600	optional	without limits	11	13,0	(R)E115	•
CD/ES-18/Ogień+	Ogień Plus	18,0	DF	1250	600	optional	without limits	11	16,0	(R)E130	-

¹⁾ European Technical Assessment ETA 15/0301.

²⁾ 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 ANCHORED WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk							
		CD/ES-12,5/Expert	CD/ES-12,5/Woda	CD/ES-12,5/Ogień+	CD/ES-12,5/WodaOgień+	CD/ES-12,5/Cicha	CD/ES-12,5/Twarda	CD/ES-12,5/Hydro	CD/ES-18/Ogień+
		Consumption of material per 1m ²							
Nida Expert 12.5 mm plasterboard	m ²	1,0	-	-	-	-	-	-	-
Nida Woda 12.5 mm plasterboard	m ²	-	1,0	-	-	-	-	-	-
Nida Ogień Plus 12.5 mm plasterboard	m ²	-	-	1,0	-	-	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m ²	-	-	-	1,0	-	-	-	-
Nida Cicha 12.5 mm plasterboard	m ²	-	-	-	-	1,0	-	-	-
Nida Twarda 12.5 mm plasterboard	m ²	-	-	-	-	-	1,0	-	-
Nida Hydro 12.5 mm plasterboard	m ²	-	-	-	-	-	-	1,0	-
Nida Ogień Plus 18.0 mm plasterboard	m ²	-	-	-	-	-	-	-	1,0
Nida CD60 profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida UD27 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida ES60 fixing element	pcs.	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5
Anchoring element ³⁾	pcs.	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0
Nida 3.5x25 mm sheet metal screws	pcs.	12,0	12,0	12,0	12,0	-	-	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	12,0
FixDens 4.2x25 mm screws	pcs.	-	-	-	-	12,0	12,0	-	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	-	12,0	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,5
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 ⁴⁾	kg	-	-	-	-	-	0,4	0,4	-
Mineral wool ⁵⁾	m ²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

³⁾ The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.

⁴⁾ For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.

⁵⁾ Application acc. to the requirements

The standards concerning the amount of utilised material do not cover the loss of the material.

nida Tynk

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

Increase of acoustic insulation:
11 dB

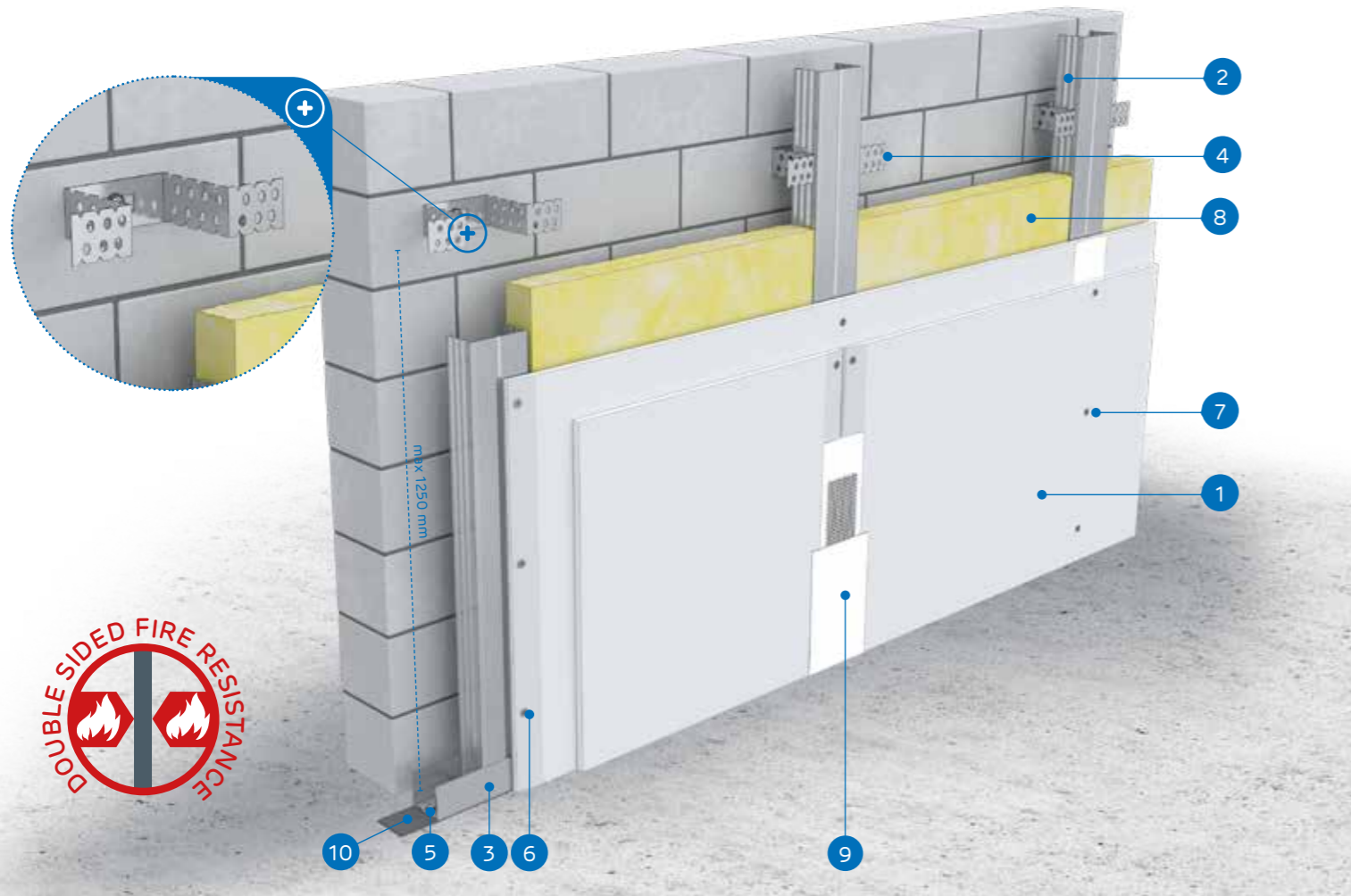
Maximum encasement height:
without limits

Weight of 1m² of encasement:
19,0-33,0 kg

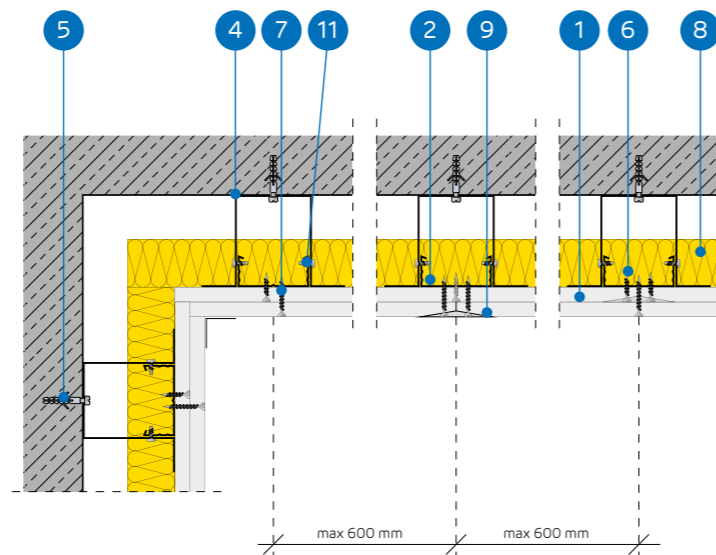
Number of related document:
ETA 15/0301

Declaration of Performance:
DoP/Fixed Lining System /0015/15.11.2016

SYSTEMS:
CD/ES-25; CD/ES-27,5; CD/ES-30



- MATERIALS:**
- Nida plasterboard
 - Nida CD60 profile
 - Nida UD27 profile
 - Nida ES60 fixing element
 - Anchoring element
 - Nida 3.5x25 mm sheet metal screws
 - Nida 3.5x35 mm sheet metal screws
 - Insulation material mineral wool (optional)
 - The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
 - Self-adhesive tape with lead
 - FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal



THE SYSTEM OF WALL CLADDING ANCHORED TO THE NIDA CD60 LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name ¹⁾	Sheathing of plasterboards			Load-bearing structure		Insulation material	Maximum height	Increase of acoustic insulation	Weight of 1m ² of encasement	Fire resistance class	Special system
	Nida	Thickness [mm]	Marking acc. to standard	Spacing of the Nida ES60 fasteners [mm]	Spacing of the Nida CD60 profiles [mm]						
CD/ES-25/Expert	Expert	2x12,5	A	1250	600	optional	without limits	11	19,0	-	-
CD/ES-25/Woda ²⁾	Woda	2x12,5	H2	1250	600	optional	without limits	11	19,0	-	-
CD/ES-25/OgieńTypF	Ogień Typ F	2x12,5	F	1250	600	optional	without limits	11	19,0	(R)EI30	-
CD/ES-25/Ogień+	Ogień Plus	2x12,5	DF	1250	600	optional	without limits	11	22,0	(R)EI30	-
CD/ES-25/WodaOgień+	Woda Ogień Plus	2x12,5	DFH2	1250	600	optional	without limits	11	22,0	(R)EI30	-
CD/ES-25/Cicha	Cicha	2x12,5	DFH1IR	1250	600	optional	without limits	11	28,0	(R)EI30	●
CD/ES-25/Twarda	Twarda	2x12,5	DEFH1IR	1250	600	optional	without limits	11	28,0	(R)EI30	●
CD/ES-25/Hydro	Hydro	2x12,5	GMFH1I	1250	600	optional	without limits	11	24,0	(R)EI30	●
CD/ES-27,5/Ogień+ ³⁾	Ogień Plus	1x12,5+1x15,0	DF	1250	600	optional	without limits	11	26,0	(R)EI60	-
CD/ES-30/Ogień+	Ogień Plus	2x15,0	DF	1250	600	optional	without limits	11	29,0	(R)EI60	-
CD/ES-30/Twarda	Twarda	2x15,0	DEFH1IR	1250	600	optional	without limits	11	33,0	(R)EI60	●
CD/ES-30/Hydro	Hydro	2x15,0	GMFH1I	1250	600	optional	without limits	11	29,0	(R)EI60	●

¹⁾ European Technical Assessment ETA 15/0301.

²⁾ 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.)

³⁾ 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 ANCHORED WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk											
		CD/ES-25/Expert	CD/ES-25/Woda	CD/ES-25/OgieńTypF	CD/ES-25/Ogień+	CD/ES-25/WodaOgień+	CD/ES-25/Cicha	CD/ES-25/Twarda	CD/ES-25/Hydro	CD/ES-27,5/Ogień+	CD/ES-30/Ogień+	CD/ES-30/Twarda	CD/ES-30/Hydro
Consumption of material per 1m ²													
Nida Expert 12.5 mm plasterboard	m ²	2,0	-	-	-	-	-	-	-	-	-	-	
Nida Woda 12.5 mm plasterboard	m ²	-	2,0	-	-	-	-	-	-	-	-	-	
Nida Ogień Type F 12.5 mm plasterboard	m ²	-	-	2,0	-	-	-	-	-	-	-	-	
Nida Ogień Plus 12.5 mm plasterboard	m ²	-	-	-	2,0	-	-	-	1,0	-	-	-	
Nida Woda Ogień Plus 12.5 mm plasterboard	m ²	-	-	-	-	2,0	-	-	-	-	-	-	
Nida Cicha 12.5 mm plasterboard	m ²	-	-	-	-	-	2,0	-	-	-	-	-	
Nida Twarda 12.5 mm plasterboard	m ²	-	-	-	-	-	-	2,0	-	-	-	-	
Nida Hydro 12.5 mm plasterboard	m ²	-	-	-	-	-	-	-	2,0	-	-	-	
Nida Ogień Plus 15.0 mm plasterboard	m ²	-	-	-	-	-	-	-	-	1,0	2,0	-	
Nida Twarda 15.0 mm plasterboard	m ²	-	-	-	-	-	-	-	-	-	-	2,0	
Nida Hydro 15.0 mm plasterboard	m ²	-	-	-	-	-	-	-	-	-	-	-	2,0
Nida CD60 profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	
Nida UD27 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	
Nida ES60 fixing element	pcs.	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	
Anchoring element ⁴⁾	pcs.	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4	
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	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.	4,0	4,0	4,0	4,0	4,0	-	-	-	4,0	4,0	-	
Nida 3.5x35 mm sheet metal screws	pcs.	12,0	12,0	12,0	12,0	12,0	-	-	-	-	-	-	
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	12,0	12,0	-	
FixDens 4.2x25 mm screws	pcs.	-	-	-	-	-	4,0	4,0	-	-	-	4,0	
FixDens 4.2x42 mm screws	pcs.	-	-	-	-	-	-	12,0	12,0	-	-	12,0	
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	4,0	-	-	4,0	
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	12,0	-	-	12,0	
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	
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	
Nida Start gypsum putty	kg	0,6	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	0,1	-	
Nida Hydromix ready-to-use joint filler ⁵⁾	kg	-	-	-	-	-	-	-	0,7	0,7	-	0,7	
Mineral wool ⁶⁾	m ²	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 substrate type and the total mass 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 Tynk

Fire resistance class:
(R)EI60
(R)EI120

Increase of acoustic insulation:
11 dB

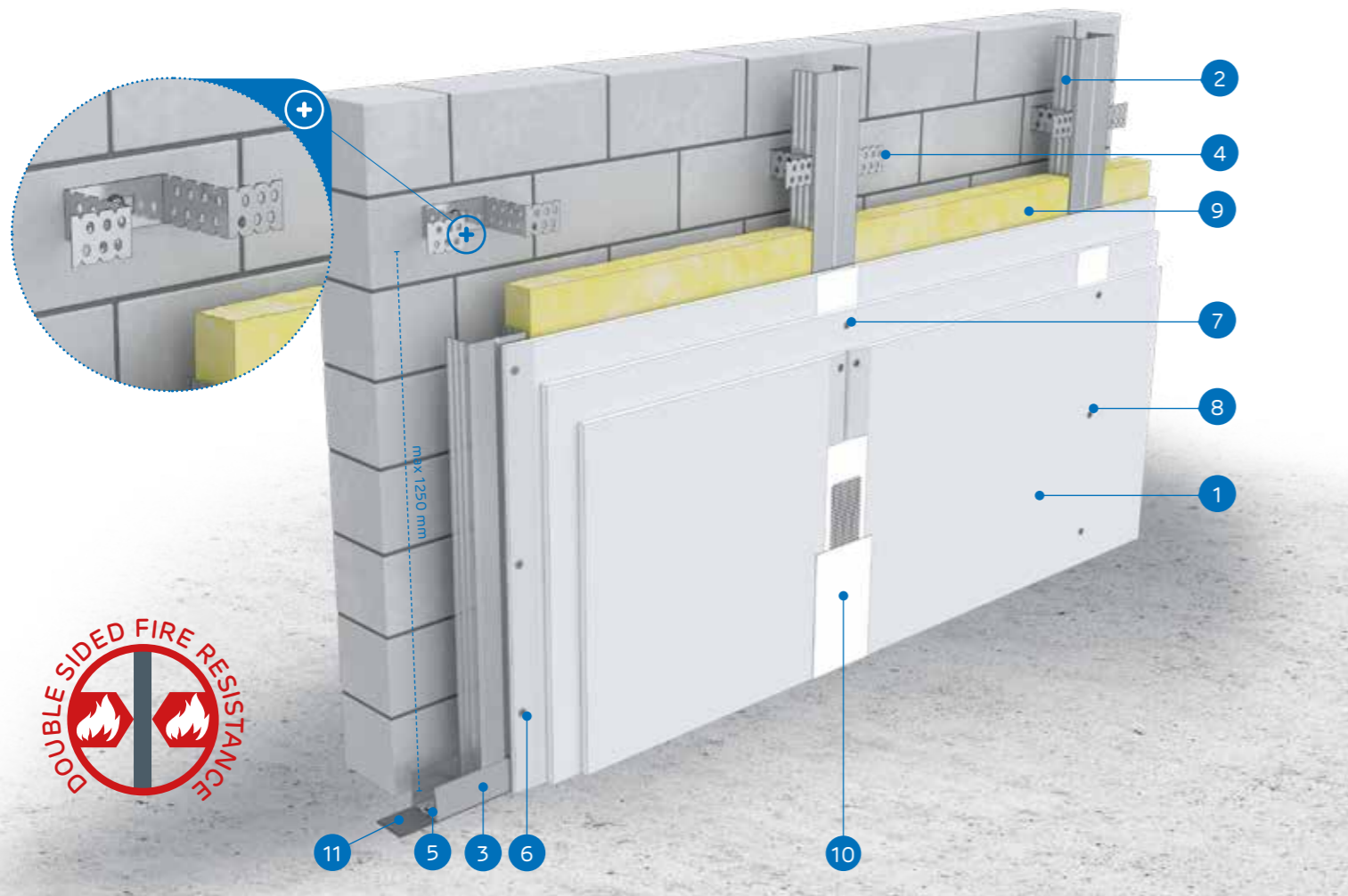
Maximum encasement height:
without limits

Weight of 1m² of encasement:
33,0-43,0 kg

Number of related document:
ETA 15/0301

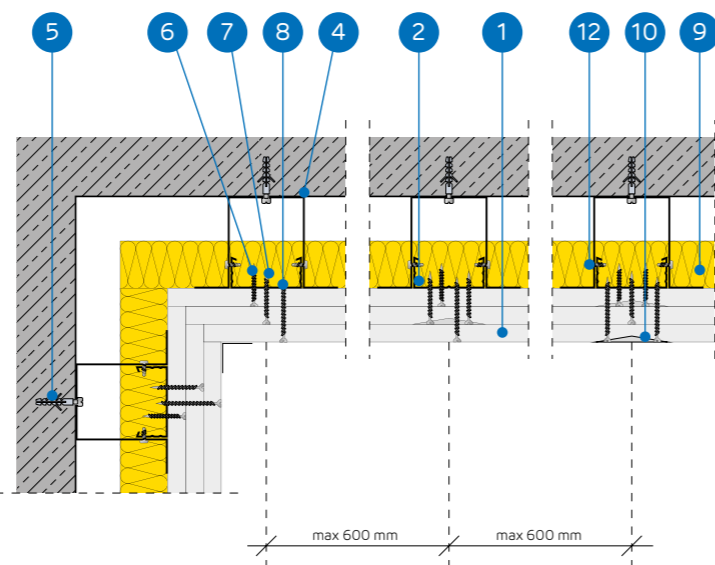
Declaration of Performance:
DoP/Fixed Lining System /0015/15.11.2016

SYSTEMS:
CD/ES-37,5; CD/ES-45



MATERIALS:

1. Nida plasterboard
2. Nida CD60 profile
3. Nida UD27 profile
4. Nida ES60 fixing element
5. Anchoring element
6. Nida 3.5x25 mm sheet metal screws
7. Nida 3.5x35 mm sheet metal screws
8. Nida 3.5x55 mm sheet metal screws
9. Insulation material mineral wool (optional)
10. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
11. Self-adhesive tape with lead
12. FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal



THE SYSTEM OF WALL CLADDING ANCHORED TO THE NIDA CD60 LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name ¹⁾	Sheathing of plasterboards			Load-bearing structure		Insulation material	Maximum height	Increase of acoustic insulation	Weight of 1m ² of encasement	Fire resistance class	Special system
				Spacing of the Nida ES60 fasteners	Spacing of the Nida CD60 profiles						
	Nida	Thickness [mm]	Marking acc. to standard	[mm]	[mm]	[mm]	[mm]	ΔRw max [dB]	[kg]	[min]	
CD/ES-37,5/Ogień+	Ogień Plus	3x12,5	DF	1250	600	optional	without limits	11	33,0	(R)EI60	-
CD/ES-37,5/WodaOgień+	Woda Ogień Plus	3x12,5	DFH2	1250	600	optional	without limits	11	33,0	(R)EI60	-
CD/ES-37,5/Cicha	Cicha	3x12,5	DFH1IR	1250	600	optional	without limits	11	41,0	(R)EI60	•
CD/ES-37,5/Twarda	Twarda	3x12,5	DEFH1IR	1250	600	optional	without limits	11	41,0	(R)EI60	•
CD/ES-37,5/Hydro	Hydro	3x12,5	GMFH1I	1250	600	optional	without limits	11	35,0	(R)EI60	•
CD/ES-45/Ogień+ ²⁾	Ogień Plus	3x15,0	DF	1250	600	optional	without limits	11	43,0	(R)EI120	-
CD/ES-45/WodaOgień+ ²⁾	Woda Ogień Plus	3x15,0	DFH2	1250	600	optional	without limits	11	43,0	(R)EI120	-

¹⁾ European Technical Assessment ETA 15/0301.

²⁾ Within the systems for the fire resistance (R)EI120 and 3x15.0 mm configuration replacement of board types is not possible.

CONSUMPTION OF MATERIALS PER 1M² FOR THE ANCHORED WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk						
		CD/ES-37,5/Ogień+	CD/ES-37,5/WodaOgień+	CD/ES-37,5/Cicha	CD/ES-37,5/Twarda	CD/ES-37,5/Hydro	CD/ES-45/Ogień+	CD/ES-45/WodaOgień+
Consumption of material per 1m ²								
Nida Ogień Plus 12.5 mm plasterboard	m ²	3,0	-	-	-	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m ²	-	3,0	-	-	-	-	-
Nida Cicha 12.5 mm plasterboard	m ²	-	-	3,0	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m ²	-	-	-	3,0	-	-	-
Nida Hydro 12.5 mm plasterboard	m ²	-	-	-	-	3,0	-	-
Nida Ogień Plus 15.0 mm plasterboard	m ²	-	-	-	-	-	3,0	-
Nida Woda Ogień Plus 15.0 mm plasterboard	m ²	-	-	-	-	-	-	3,0
Nida CD60 profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida UD27 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida ES60 fixing element	pcs.	1,5	1,5	1,5	1,5	1,5	1,5	1,5
Anchoring element ³⁾	pcs.	2,4	2,4	2,4	2,4	2,4	2,4	2,4
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	6,0	6,0	6,0	6,0	6,0	6,0	6,0
Nida 3.5x25 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	4,0	4,0
Nida 3.5x35 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	4,0	4,0
Nida 3.5x55 mm sheet metal screws	pcs.	12,0	12,0	-	-	-	-	-
Nida 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	-	12,0	12,0
FixDens 4.2x25 mm screws	pcs.	-	-	4,0	4,0	-	-	-
FixDens 4.2x42 mm screws	pcs.	-	-	4,0	4,0	-	-	-
FixDens 4.2x60 mm screws	pcs.	-	-	12,0	12,0	-	-	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-
Nida Hydro C5 3.5x55 mm sheet metal screws	pcs.	-	-	-	-	12,0	-	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida Start gypsum putty	kg	0,9	0,9	0,9	-	-	0,9	0,9
Nida Finish gypsum putty	kg	0,1	0,1	0,1	-	-	0,1	0,1
Nida Hydromix ready-to-use joint filler ⁴⁾	kg	-	-	-	1,0	1,0	-	-
Mineral wool ⁵⁾	m ²	1,0	1,0	1,0	1,0	1,0	1,0	1,0

³⁾ The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.

⁴⁾ For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.

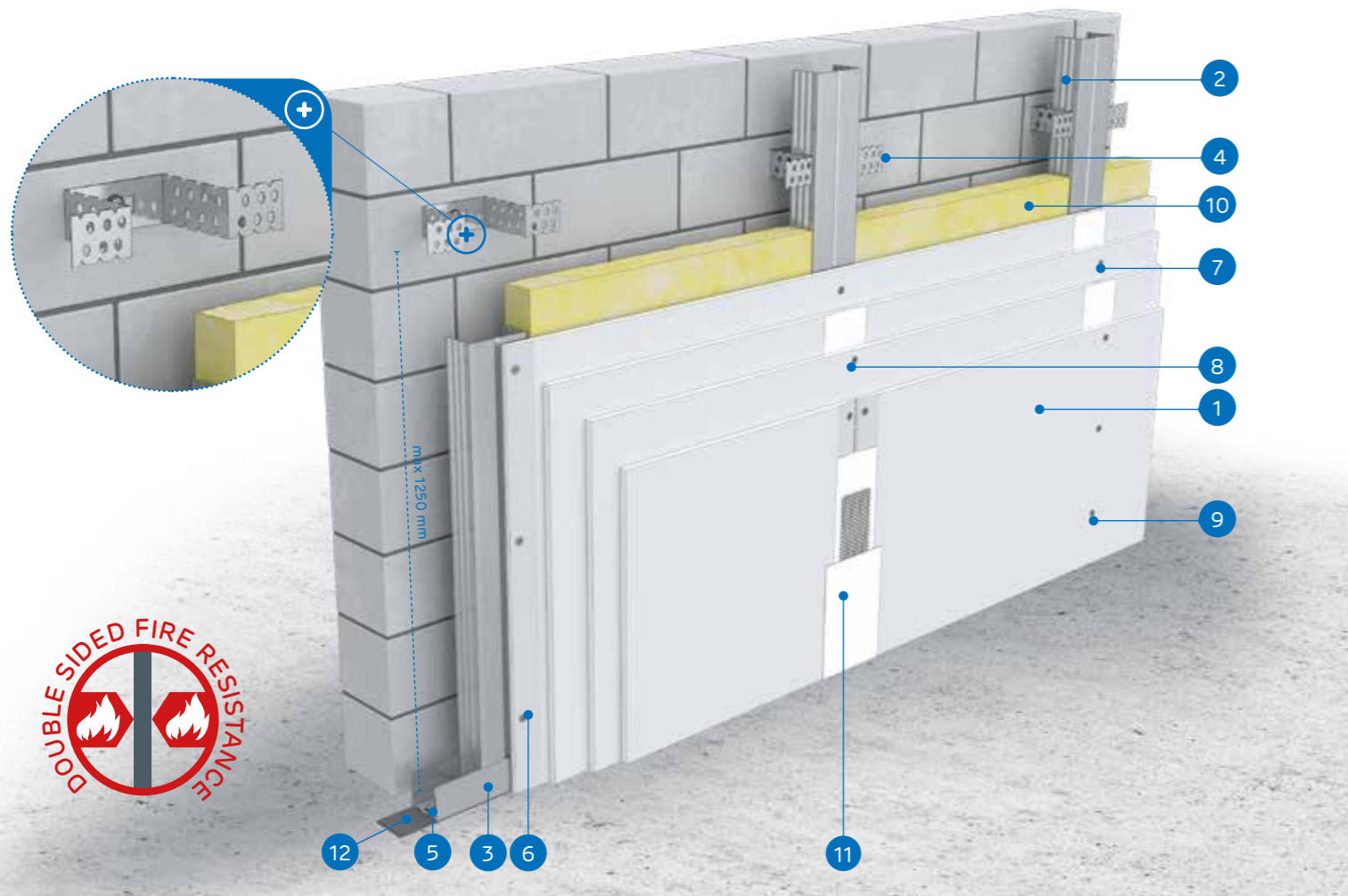
⁵⁾ Application acc. to the requirements

The standards concerning the amount of utilised material do not cover the loss of the material.

nida TynkFire resistance class:
(R)EI90
(R)EI120Increase of acoustic insulation:
11 dBMaximum encasement height:
without limitsWeight of 1m² of encasement:
43,0-64,0 kgNumber of related document:
ETA 15/0301Declaration of Performance:
DoP/Fixed Lining System /0015/15.11.2016

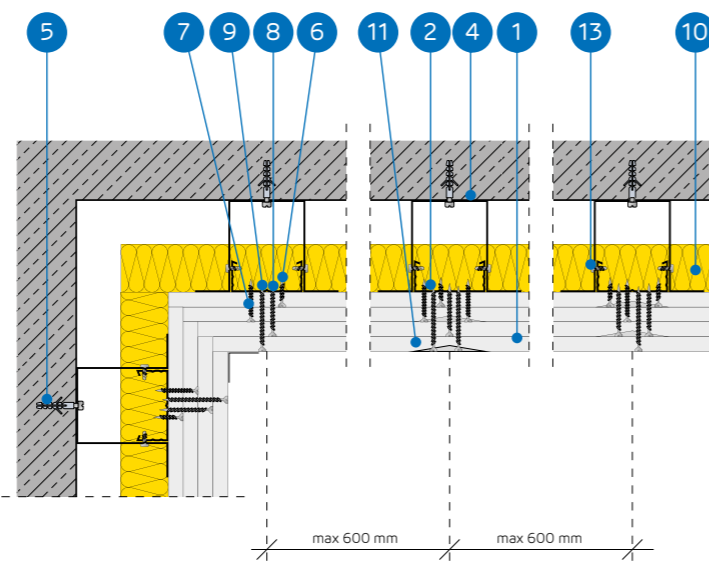
SYSTEMS:

CD/ES-50; CD/ES-55; CD/ES-60



MATERIALS:

- Nida plasterboard
- Nida CD60 profile
- Nida UD27 profile
- Nida ES60 fixing element
- Anchoring element
- Nida 3.5x25 mm sheet metal screws
- Nida 3.5x35 mm sheet metal screws
- Nida 3.5x55 mm sheet metal screws
- Nida 4.2x70 mm sheet metal screws
- Insulation material mineral wool (optional)
- The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
- Self-adhesive tape with lead
- FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal



THE SYSTEM OF WALL CLADDING ANCHORED TO THE NIDA CD60 LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name ¹⁾	Sheathing of plasterboards			Load-bearing structure		Insulation material	Maximum height	Increase of acoustic insulation	Weight of 1m ² of encasement	Fire resistance class	Special system
	Nida	Thickness [mm]	Marking acc. to standard	Spacing of the Nida ES60 fasteners [mm]	Spacing of the Nida CD60 profiles [mm]						
CD/ES-50/Ogień+	Ogień Plus	4x12,5	DF	1250	600	optional	without limits	11	43,0	(R)EI90	-
CD/ES-50/WodaOgień+	Woda Ogień Plus	4x12,5	DFH2	1250	600	optional	without limits	11	43,0	(R)EI90	-
CD/ES-50/Cicha	Cicha	4x12,5	DFH1IR	1250	600	optional	without limits	11	54,0	(R)EI90	●
CD/ES-50/Twarda	Twarda	4x12,5	DEFH1IR	1250	600	optional	without limits	11	54,0	(R)EI90	●
CD/ES-50/Hydro	Hydro	4x12,5	GMFH1I	1250	600	optional	without limits	11	46,0	(R)EI90	●
CD/ES-55/Ogień+	Ogień Plus	2x12,5+2x15,0	DF	1250	600	optional	without limits	11	50,0	(R)EI120	-
CD/ES-55/Twarda	Twarda	2x12,5+2x15,0	DEFH1IR	1250	600	optional	without limits	11	60,0	(R)EI120	●
CD/ES-55/Hydro	Hydro	2x12,5+2x15,0	GMFH1I	1250	600	optional	without limits	11	51,0	(R)EI120	●
CD/ES-60/Ogień+	Ogień Plus	4x15,0	DF	1250	600	optional	without limits	11	57,0	(R)EI120	-
CD/ES-60/Twarda	Twarda	4x15,0	DEFH1IR	1250	600	optional	without limits	11	64,0	(R)EI120	●
CD/ES-60/Hydro	Hydro	4x15,0	GMFH1I	1250	600	optional	without limits	11	57,0	(R)EI120	●

¹⁾ European Technical Assessment ETA 15/0301.CONSUMPTION OF MATERIALS PER 1M² FOR THE ANCHORED WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk											
		CD/ES-50/Ogień+	CD/ES-50/WodaOgień+	CD/ES-50/Cicha	CD/ES-50/Twarda	CD/ES-50/Hydro	CD/ES-55/Ogień+	CD/ES-55/Twarda	CD/ES-55/Hydro	CD/ES-60/Ogień+	CD/ES-60/Twarda	CD/ES-60/Hydro	
Consumption of material per 1m ²													
Nida Ogień Plus 12.5 mm plasterboard	m ²	4,0	-	-	-	-	2,0	-	-	-	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m ²	-	4,0	-	-	-	-	-	-	-	-	-	-
Nida Cicha 12.5 mm plasterboard	m ²	-	-	4,0	-	-	-	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m ²	-	-	-	4,0	-	2,0	-	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m ²	-	-	-	-	4,0	-	2,0	-	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m ²	-	-	-	-	-	2,0	-	-	4,0	-	-	-
Nida Twarda 15.0 mm plasterboard	m ²	-	-	-	-	-	-	2,0	-	-	4,0	-	-
Nida Hydro 15.0 mm plasterboard	m ²	-	-	-	-	-	-	-	2,0	-	-	4,0	-
Nida CD60 profile	lm	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 UD27 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida ES60 fixing element	pcs.	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5
Anchoring element ²⁾	pcs.	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	6,0	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.	4,0	4,0	-	-	-	4,0	-	-	4,0	-	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	-	-	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	4,0	-	-	4,0	-	-	-
Nida 3.5x55 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	4,0	-	-	4,0	-	-	-
Nida 4.2x70 mm sheet metal screws	pcs.	12,0	12,0	-	-	-	12,0	-	-	12,0	-	-	-
FixDens 4.2x25 mm screws	pcs.	-	-	4,0	4,0	-	-	4,0	-	-	4,0	-	-
FixDens 4.2x42 mm screws	pcs.	-	-	4,0	4,0	-	-	4,0	-	-	4,0	-	-
FixDens 4.2x60 mm screws	pcs.	-	-	4,0	4,0	-	-	4,0	-	-	4,0	-	-
FixDens 4.5x80 mm screws	pcs.	-	-	12,0	12,0	-	-	12,0	-	-	12,0	-	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0	-
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0	-
Nida Hydro C5 3.5x55 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0	-
Nida Hydro C5 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	12,0	-	-	12,0	-	-	12,0	-
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
Acoustic insulation tape	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 Start gypsum putty	kg	1,2	1,2	1,2	-	-	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 ³⁾	kg	-	-	-	1,3	1,3	-	1,3	1,3	-	1,3	1,3	1,3
Mineral wool ⁴⁾	m ²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

²⁾ The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.³⁾ For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.⁴⁾ Application acc. to the requirements

The standards concerning the amount of utilised material do not cover the loss of the material.

nida Tynk



Fire resistance class:
N/A



Sound absorption coefficient:
0,70 dB



Maximum encasement height:
without limits



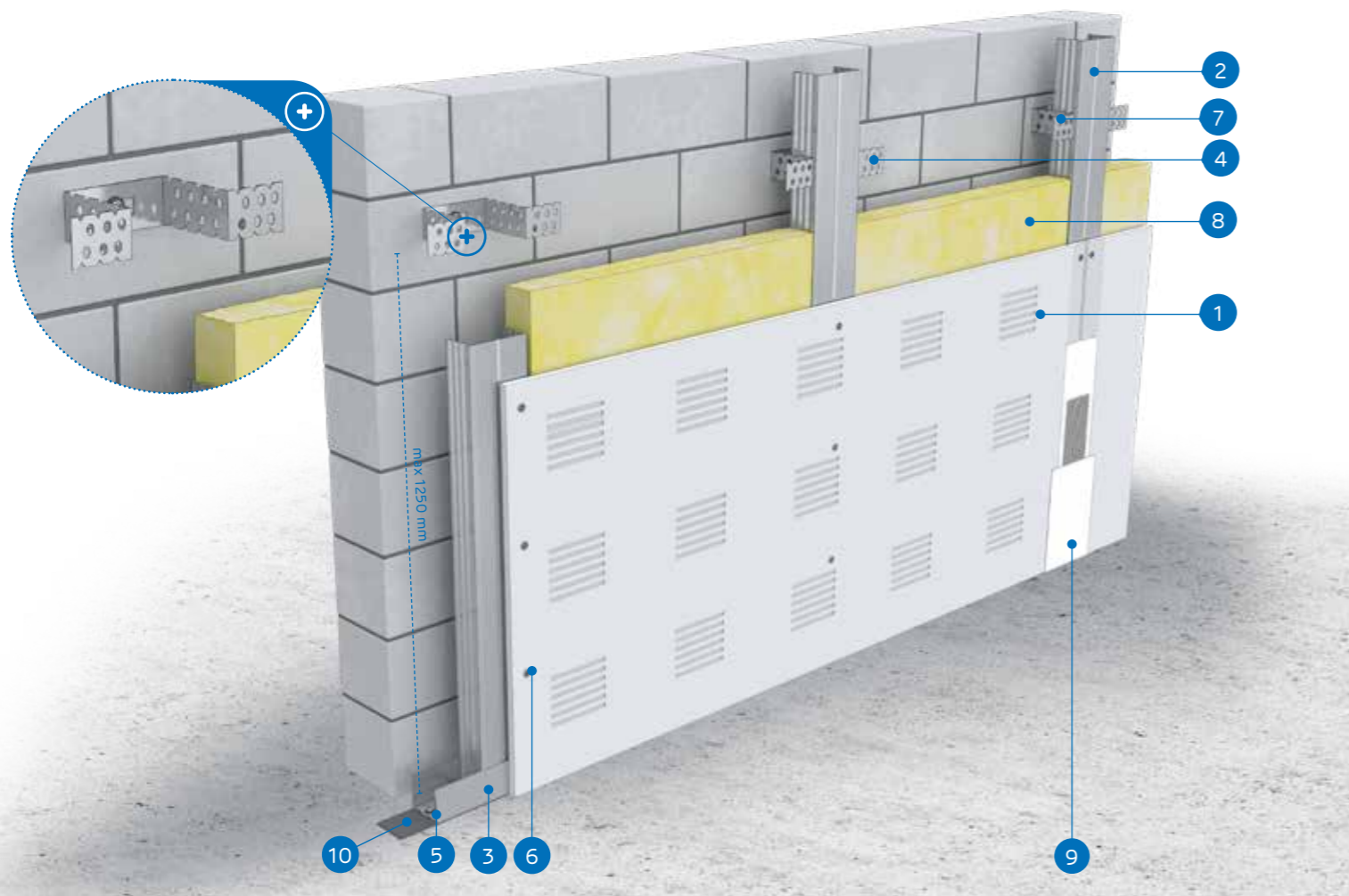
Weight of 1m² of encasement:
12,0 kg



Number of related document:
ETA 15/0301

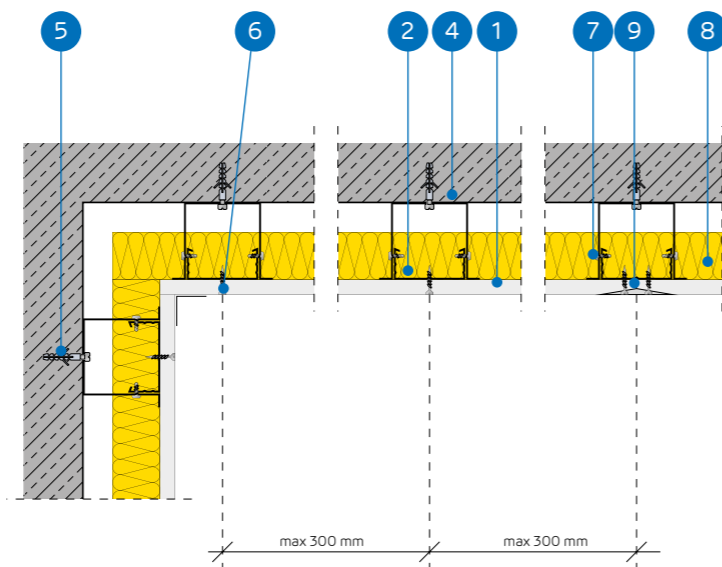
Declaration of Performance:
DoP/Fixed Lining System /0016/15.11.2016

SYSTEMS:
CD/ES-12,5/SONIC (NO)



MATERIALS:

1. Nida Sonic 12.5 mm plasterboard
2. Nida CD60 profile
3. Nida UD27 profile
4. Nida ES 60/75 fixing element
5. Anchoring element
6. Nida 3.5x25 mm sheet metal screws
7. FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal
8. Insulation material mineral wool, thickness 40 mm
9. The joint between the plasterboards filled with the Nida reinforcement tape
10. Self-adhesive tape with lead



THE SYSTEM OF WALL CLADDING ANCHORED TO THE NIDA CD60 LOAD-BEARING STRUCTURE (NIDA SONIC „NO“)

TECHNICAL PARAMETERS

Nida Tynk system name ¹⁾	Sheathing of plasterboards			Load-bearing structure		Insulation material		Maximum height [mm]	Sound absorption coefficient ²⁾ α _w	Weight of 1m² of encasement [kg]	Fire resistance class [min]
	Nida	Thickness [mm]	Marking acc. to standard	Spacing of the Nida ES60 fasteners [mm]	Spacing of the Nida CD60 profiles [mm]	Mineral wool					
						[mm]	[mm]				
CD/ES-12,5/SonicR6n0	Sonic R6n0	12,5	A	1250	300	glass wool	40	without limits	0,45	12,0	-
CD/ES-12,5/SonicR8n0	Sonic R8n0	12,5	A	1250	300	glass wool	40	without limits	0,65	12,0	-
CD/ES-12,5/SonicR10n0	Sonic R10n0	12,5	A	1250	300	glass wool	40	without limits	0,65	12,0	-
CD/ES-12,5/SonicR12n0	Sonic R12n0	12,5	A	1250	300	glass wool	40	without limits	0,70	12,0	-
CD/ES-12,5/SonicR15n0	Sonic R15n0	12,5	A	1250	300	glass wool	40	without limits	0,70	12,0	-
CD/ES-12,5/SonicRN8/15/20n0	Sonic RN8/15/20n0	12,5	A	1250	300	glass wool	40	without limits	0,45	12,0	-
CD/ES-12,5/SonicR8/12n0	Sonic R8/12n0	12,5	A	1250	300	glass wool	40	without limits	0,60	12,0	-
CD/ES-12,5/SonicR12/20n0	Sonic R12/20n0	12,5	A	1250	300	glass wool	40	without limits	0,70	12,0	-
CD/ES-12,5/SonicRN12/20/35n0	Sonic RN12/20/35n0	12,5	A	1250	300	glass wool	-	without limits	0,40	12,0	-
CD/ES-12,5/SonicC8n0	Sonic C8n0	12,5	A	1250	300	glass wool	-	without limits	0,60	12,0	-
CD/ES-12,5/SonicC12n0	Sonic C12n0	12,5	A	1250	300	glass wool	-	without limits	0,55	12,0	-

¹⁾ European Technical Assessment ETA 15/0301.

²⁾ Test report ITB LA-1187a/2005.

CONSUMPTION OF MATERIALS PER 1M² FOR THE ANCHORED WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk										
		CD/ES-12,5/SonicR6n0	CD/ES-12,5/SonicR8n0	CD/ES-12,5/SonicR10n0	CD/ES-12,5/SonicR12n0	CD/ES-12,5/SonicR15n0	CD/ES-12,5/SonicRN8/15/20n0	CD/ES-12,5/SonicR8/12n0	CD/ES-12,5/SonicR12/20n0	CD/ES-12,5/SonicRN12/20/35n0	CD/ES-12,5/SonicC8n0	CD/ES-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	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6
Nida UD27 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida ES60 fixing element	pcs.	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5
Anchoring element ³⁾	pcs.	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	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.	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0
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
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida Max gypsum putty	kg	0,3	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	0,1
Mineral wool ⁴⁾	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

³⁾ The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.

⁴⁾ Application acc. to the requirements

The weight does not account for the mass of the insulation material.

The standards concerning the amount of utilised material do not cover the loss of the material.



nida Tynk



Fire resistance class:
N/A



Sound absorption coefficient:
0,70 dB



Maximum encasement height:
without limits



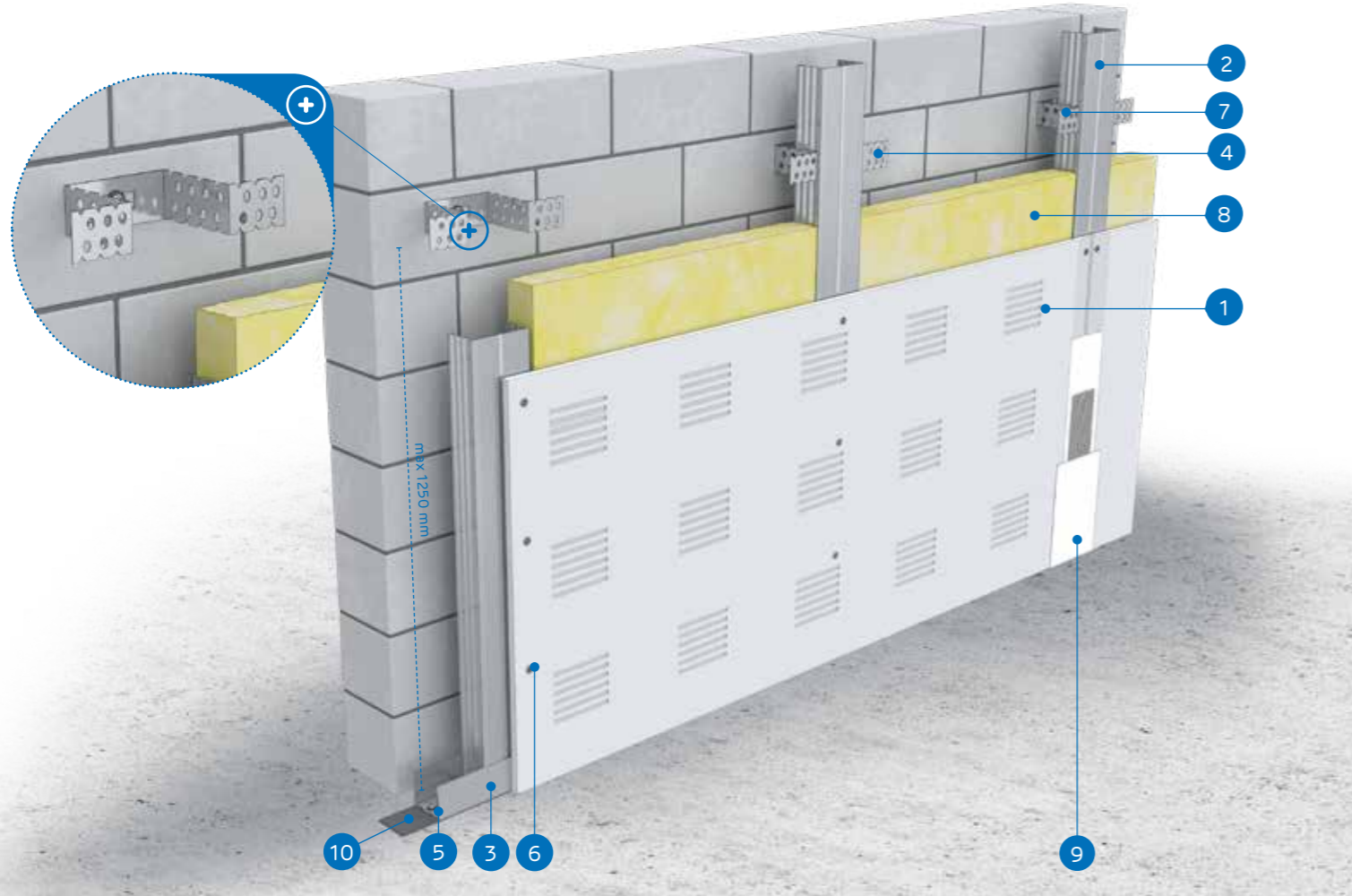
Weight of 1m² of encasement:
12,0 kg



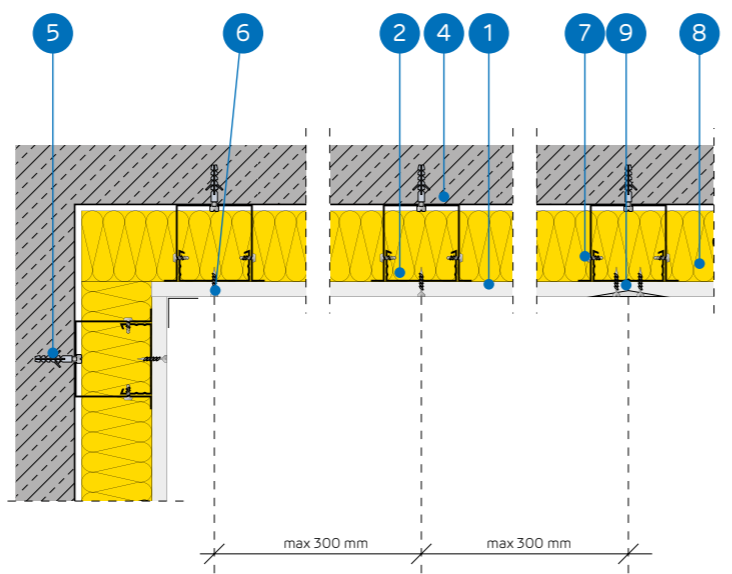
Number of related document:
ETA 15/0301

Declaration of Performance:
DoP/Fixed Lining System /0016/15.11.2016

SYSTEMS:
CD/ES-12,5/SONIC (N1-N8)



- MATERIALS:**
- Nida Sonic 12.5 mm plasterboard
 - Nida CD60 profile
 - Nida UD27 profile
 - Nida ES 60/75 fixing element
 - Anchoring element
 - Nida 3.5x25 mm sheet metal screws
 - FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal
 - Insulation material mineral wool, thickness 80 mm
 - The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
 - Self-adhesive tape with lead



THE SYSTEM OF WALL CLADDING ANCHORED TO THE NIDA CD60 LOAD-BEARING STRUCTURE (NIDA SONIC „N1-N8”)

TECHNICAL PARAMETERS

Nida Tynk system name ¹⁾	Sheathing of plasterboards			Load-bearing structure		Insulation material		Maximum height	Sound absorption coefficient ²⁾	Weight of 1m² of encasement	Fire resistance class
				Spacing of the Nida ES60 fasteners	Spacing of the Nida CD60 profiles						
	Nida	Thickness [mm]	Marking acc. to standard	[mm]	[mm]	Mineral wool	[mm]	[mm]	α _w	[kg]	[min]
CD/ES-12,5/SonicR15n1	Sonic R15n1 ³⁾	12,5	A	1250	300	glass wool	80	without limits	0,60	12,0	-
CD/ES-12,5/SonicR12n2	Sonic R12n2 ³⁾	12,5	A	1250	300	glass wool	80	without limits	0,60	12,0	-
CD/ES-12,5/SonicR15n8	Sonic R15n8 ³⁾	12,5	A	1250	300	glass wool	80	without limits	0,50	12,0	-
CD/ES-12,5/SonicC10n8	Sonic C10n8 ³⁾	12,5	A	1250	300	glass wool	80	without limits	0,70	12,0	-
CD/ES-12,5/SonicL5x80n8	Sonic L5x80n8 ³⁾	12,5	A	1250	300	glass wool	80	without limits	0,55	12,0	-

¹⁾ European Technical Assessment ETA 15/0301.
²⁾ Test report ITB LA-1187a/2005.
³⁾ The plasterboard is under the trade name Creason.

CONSUMPTION OF MATERIALS PER 1M² FOR THE ANCHORED WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk				
		CD/ES-12,5/SonicR15n1	CD/ES-12,5/SonicR12n2	CD/ES-12,5/SonicR15n8	CD/ES-12,5/SonicC10n8	CD/ES-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	3,6	3,6	3,6	3,6	3,6
Nida UD27 profile	lm	0,7	0,7	0,7	0,7	0,7
Nida ES60 fixing element	pcs.	1,5	1,5	1,5	1,5	1,5
Anchoring element ⁴⁾	pcs.	2,4	2,4	2,4	2,4	2,4
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	6,0	6,0	6,0	6,0	6,0
Nida 3.5x25 mm sheet metal screws	pcs.	12,0	12,0	12,0	12,0	12,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6
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 ⁵⁾	m²	1,0	1,0	1,0	1,0	1,0

⁴⁾ The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
⁵⁾ Application acc. to the requirements.
The weight does not account for the mass of the insulation material.
The standards concerning the amount of utilised material do not cover the loss of the material.



nida Tynk

Fire resistance class:
**(R)EI15
(R)EI30**

Increase of acoustic insulation:
11 dB

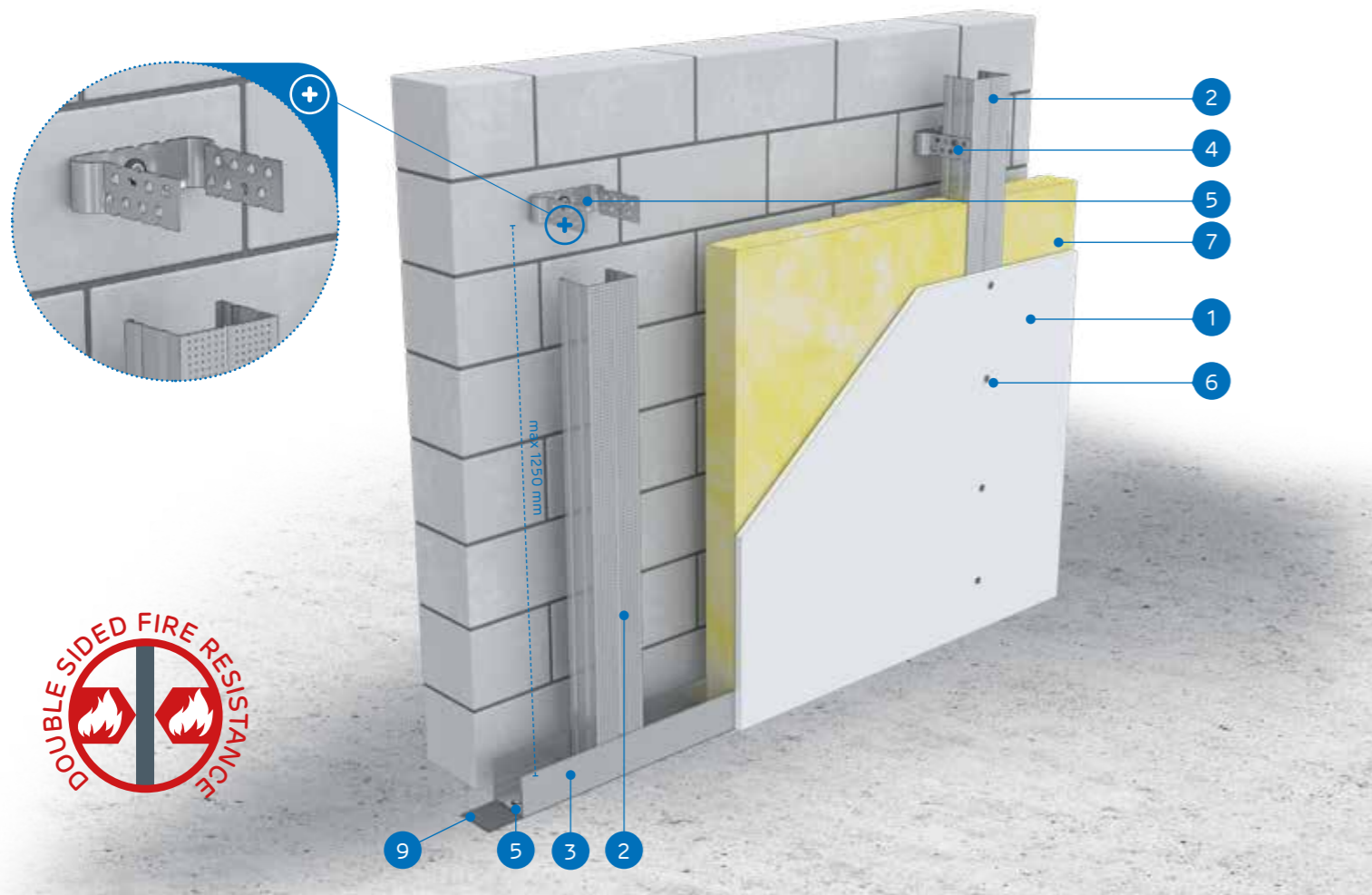
Maximum encasement height:
without limits

Weight of 1m² of encasement:
10,0-16,0 kg

Number of related document:
ETA 15/0301

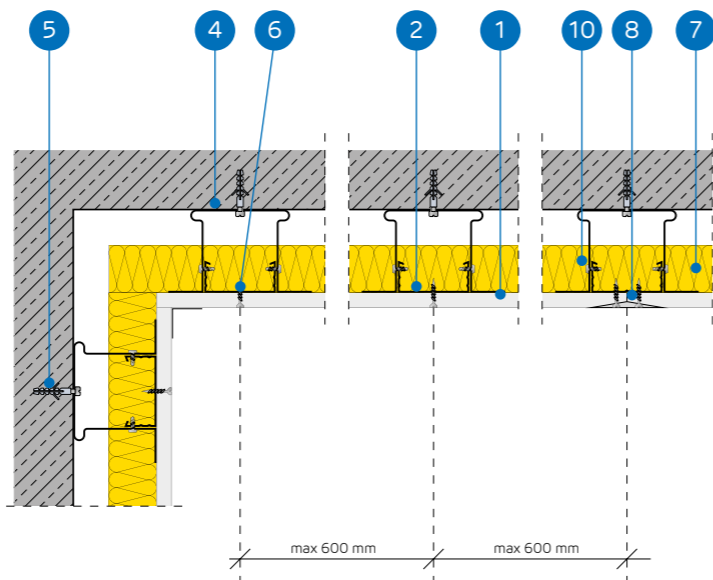
Declaration of Performance:
DoP/Fixed Lining System /0015/15.11.2016

SYSTEMS:
CD/EL-12,5; CD/EL-18



MATERIALS:

1. Nida plasterboard
2. Nida CD60 profile
3. Nida UD27 profile
4. Nida EL60 fixing element
5. Anchoring element
6. Nida 3.5x25 mm sheet metal screws
7. Insulation material mineral wool (optional)
8. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
9. Self-adhesive tape with lead
10. FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal



THE SYSTEM OF WALL CLADDING ANCHORED TO THE NIDA CD60 LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name ¹⁾	Sheathing of plasterboards			Load-bearing structure		Insulation material	Maximum height	Increase of acoustic insulation	Weight of 1m ² of encasement	Fire resistance class	Special system
				Spacing of the Nida EL60 fasteners	Spacing of the Nida CD60 profiles						
	Nida	Thickness [mm]	Marking acc. to standard	[mm]	[mm]	[mm]	[mm]	ΔRw max [dB]	[kg]	[min]	
CD/EL-12,5/Expert	Expert	12,5	A	1250	600	optional	without limits	11	10,0	-	-
CD/EL-12,5/Woda ²⁾	Woda	12,5	H2	1250	600	optional	without limits	11	10,0	-	-
CD/EL-12,5/Ogień+	Ogień Plus	12,5	DF	1250	600	optional	without limits	11	12,0	(R)EI15	-
CD/EL-12,5/WodaOgień+	Woda Ogień Plus	12,5	DFH2	1250	600	optional	without limits	11	12,0	(R)EI15	-
CD/EL-12,5/Cicha	Cicha	12,5	DFH1IR	1250	600	optional	without limits	11	15,0	(R)EI15	•
CD/EL-12,5/Twarda	Twarda	12,5	DFH1IR	1250	600	optional	without limits	11	15,0	(R)EI15	•
CD/EL-12,5/Hydro	Hydro	12,5	GMFH1I	1250	600	optional	without limits	11	13,0	(R)EI15	•
CD/EL-18/Ogień+	Ogień Plus	18,0	DF	1250	600	optional	without limits	11	16,0	(R)EI30	-

¹⁾ European Technical Assessment ETA 15/0301.

²⁾ 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 ANCHORED WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk								
		CD/EL-12,5/Expert	CD/EL-12,5/Woda	CD/EL-12,5/Ogień+	CD/EL-12,5/WodaOgień+	CD/EL-12,5/Cicha	CD/EL-12,5/Twarda	CD/EL-12,5/Hydro	CD/EL-18/Ogień+	
		Consumption of material per 1m ²								
Nida Expert 12.5 mm plasterboard	m ²	1,0	-	-	-	-	-	-	-	
Nida Woda 12.5 mm plasterboard	m ²	-	1,0	-	-	-	-	-	-	
Nida Ogień Plus 12.5 mm plasterboard	m ²	-	-	1,0	-	-	-	-	-	
Nida Woda Ogień Plus 12.5 mm plasterboard	m ²	-	-	-	1,0	-	-	-	-	
Nida Cicha 12.5 mm plasterboard	m ²	-	-	-	-	1,0	-	-	-	
Nida Twarda 12.5 mm plasterboard	m ²	-	-	-	-	-	1,0	-	-	
Nida Hydro 12.5 mm plasterboard	m ²	-	-	-	-	-	-	1,0	-	
Nida Ogień Plus 18.0 mm plasterboard	m ²	-	-	-	-	-	-	-	1,0	
Nida CD60 profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	
Nida UD27 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	
Nida EL60 fixing element	pcs.	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	
Anchoring element ³⁾	pcs.	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4	
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0	
Nida 3.5x25 mm sheet metal screws	pcs.	12,0	12,0	12,0	12,0	-	-	-	-	
Nida 3.5x35 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	12,0	
FixDens 4.2x25 mm screws	pcs.	-	-	-	-	12,0	12,0	-	-	
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	-	12,0	-	
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	
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 ⁴⁾	kg	-	-	-	-	-	0,4	0,4	-	
Mineral wool ⁵⁾	m ²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	

³⁾ The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.

⁴⁾ For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.

⁵⁾ Application acc. to the requirements

The standards concerning the amount of utilised material do not cover the loss of the material.

nida Tynk

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

Increase of acoustic insulation:
11 dB

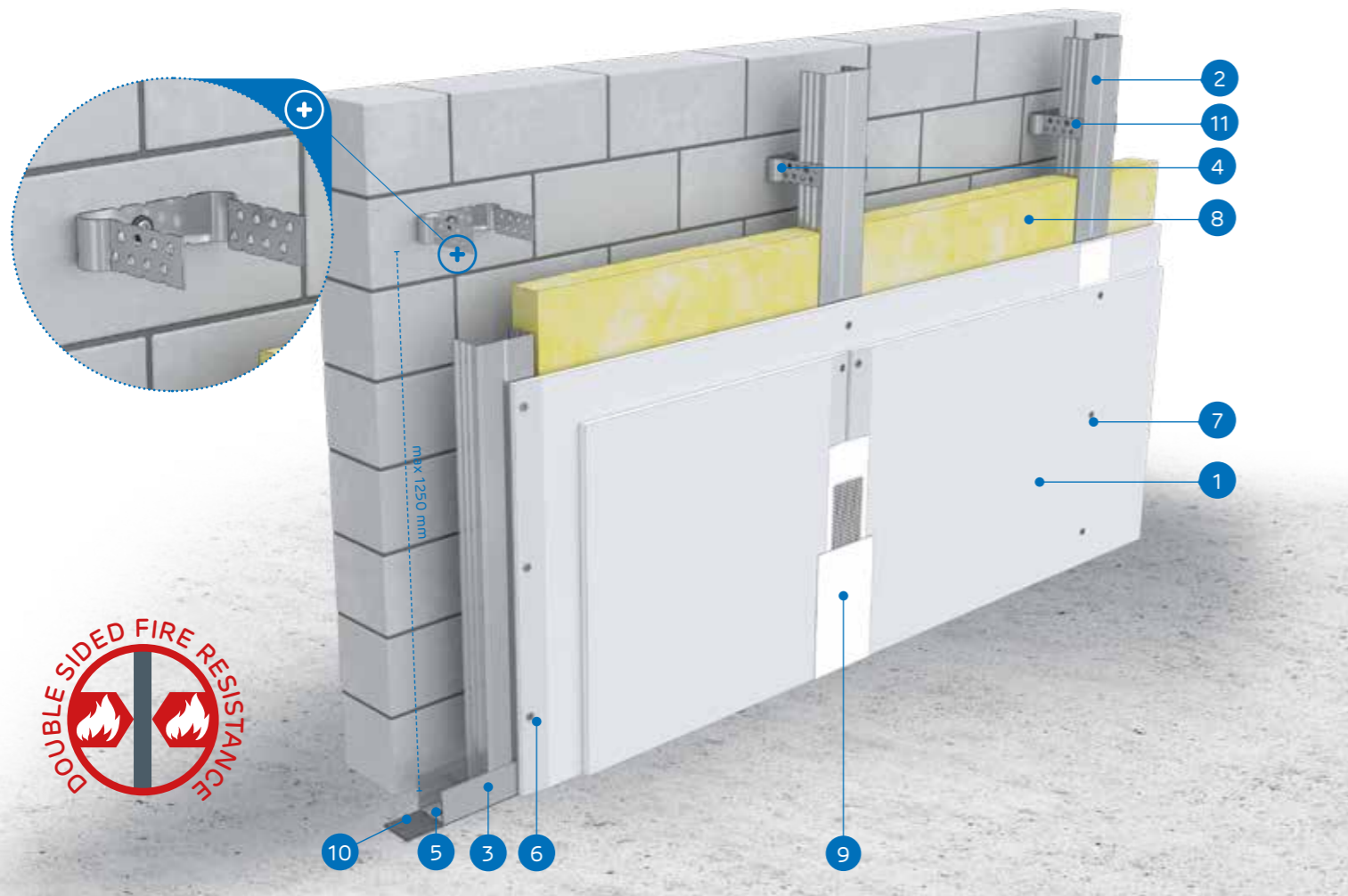
Maximum encasement height:
without limits

Weight of 1m² of encasement:
19,0-33,0 kg

Number of related document:
ETA 15/0301

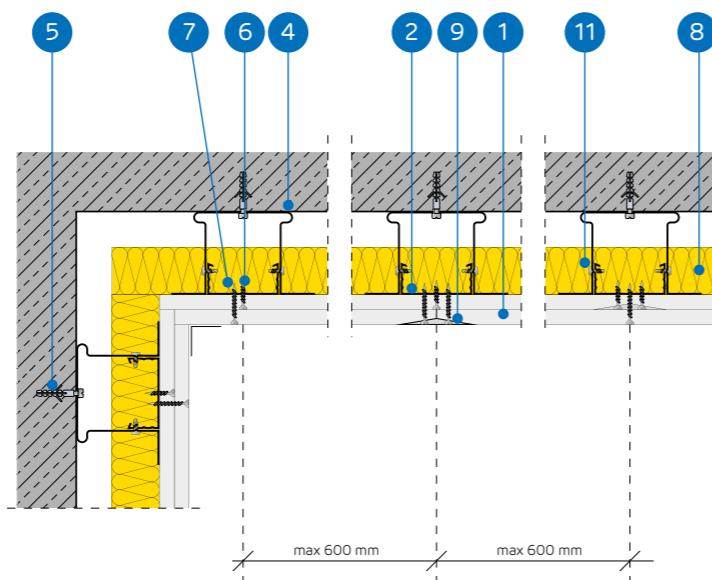
Declaration of Performance:
DoP/Fixed Lining System /0015/15.11.2016

SYSTEMS:
CD/EL-25; CD/EL-27,5; CD/EL-30



MATERIALS:

1. Nida plasterboard
2. Nida CD60 profile
3. Nida UD27 profile
4. Nida EL60 fixing element
5. Anchoring element
6. Nida 3.5x25 mm sheet metal screws
7. Nida 3.5x35 mm sheet metal screws
8. Insulation material mineral wool (optional)
9. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
10. Self-adhesive tape with lead
11. FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal



THE SYSTEM OF WALL CLADDING ANCHORED TO THE NIDA CD60 LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name ¹⁾	Sheathing of plasterboards			Load-bearing structure		Insulation material	Maximum height	Increase of acoustic insulation	Weight of 1m ² of encasement	Fire resistance class	Special system
	Nida	Thickness [mm]	Marking acc. to standard	Spacing of the Nida EL60 fasteners [mm]	Spacing of the Nida CD60 profiles [mm]						
CD/EL-25/Expert	Expert	2x12,5	A	1250	600	optional	without limits	11	19,0	-	-
CD/EL-25/Woda ²⁾	Woda	2x12,5	H2	1250	600	optional	without limits	11	19,0	-	-
CD/EL-25/OgieńTypF	Ogień Typ F	2x12,5	F	1250	600	optional	without limits	11	19,0	(R)EI30	-
CD/EL-25/Ogień+	Ogień Plus	2x12,5	DF	1250	600	optional	without limits	11	22,0	(R)EI30	-
CD/EL-25/WodaOgień+	Woda Ogień Plus	2x12,5	DFH2	1250	600	optional	without limits	11	22,0	(R)EI30	-
CD/EL-25/Cicha	Cicha	2x12,5	DFH1IR	1250	600	optional	without limits	11	28,0	(R)EI30	•
CD/EL-25/Twarda	Twarda	2x12,5	DEFH1IR	1250	600	optional	without limits	11	28,0	(R)EI30	•
CD/EL-25/Hydro	Hydro	2x12,5	GMFH1I	1250	600	optional	without limits	11	24,0	(R)EI30	•
CD/EL-27,5/Ogień+ ³⁾	Ogień Plus	1x12,5+1x15,0	DF	1250	600	optional	without limits	11	26,0	(R)EI60	-
CD/EL-30/Ogień+	Ogień Plus	2x15,0	DF	1250	600	optional	without limits	11	29,0	(R)EI60	-
CD/EL-30/Twarda	Twarda	2x15,0	DEFH1IR	1250	600	optional	without limits	11	33,0	(R)EI60	•
CD/EL-30/Hydro	Hydro	2x15,0	GMFH1I	1250	600	optional	without limits	11	29,0	(R)EI60	•

¹⁾ European Technical Assessment ETA 15/0301.

²⁾ 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.).

³⁾ 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 ANCHORED WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk											
		CD/EL-25/Expert	CD/EL-25/Woda	CD/EL-25/OgieńTypF	CD/EL-25/Ogień+	CD/EL-25/WodaOgień+	CD/EL-25/Cicha	CD/EL-25/Twarda	CD/EL-25/Hydro	CD/EL-27,5/Ogień+	CD/EL-30/Ogień+	CD/EL-30/Twarda	CD/EL-30/Hydro
Consumption of material per 1m ²													
Nida Expert 12.5 mm plasterboard	m ²	2,0	-	-	-	-	-	-	-	-	-	-	-
Nida Woda 12.5 mm plasterboard	m ²	-	2,0	-	-	-	-	-	-	-	-	-	-
Nida Ogień Type F 12.5 mm plasterboard	m ²	-	-	2,0	-	-	-	-	-	-	-	-	-
Nida Ogień Plus 12.5 mm plasterboard	m ²	-	-	-	2,0	-	-	-	1,0	-	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m ²	-	-	-	-	2,0	-	-	-	-	-	-	-
Nida Cicha 12.5 mm plasterboard	m ²	-	-	-	-	-	2,0	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m ²	-	-	-	-	-	-	2,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m ²	-	-	-	-	-	-	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m ²	-	-	-	-	-	-	-	-	1,0	2,0	-	-
Nida Twarda 15.0 mm plasterboard	m ²	-	-	-	-	-	-	-	-	-	-	2,0	-
Nida Hydro 15.0 mm plasterboard	m ²	-	-	-	-	-	-	-	-	-	-	-	2,0
Nida CD60 profile	lm	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 UD27 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida EL60 fixing element	pcs.	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5
Anchoring element ⁴⁾	pcs.	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	6,0	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.	4,0	4,0	4,0	4,0	4,0	-	-	-	4,0	4,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	12,0	12,0	12,0	12,0	12,0	-	-	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	-	12,0	12,0	-
FixDens 4.2x25 mm screws	pcs.	-	-	-	-	-	4,0	4,0	-	-	-	4,0	-
FixDens 4.2x42 mm screws	pcs.	-	-	-	-	-	-	-	12,0	12,0	-	-	12,0
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	4,0	-	-	-	4,0
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	12,0	-	-	12,0
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
Acoustic insulation tape	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 Start gypsum putty	kg	0,6	0,6	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	-	-	0,1	0,1	-
Nida Hydromix ready-to-use joint filler ⁵⁾	kg	-	-	-	-	-	-	-	0,7	0,7	-	-	0,7
Mineral wool ⁶⁾	m ²	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 substrate type and the total mass 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 Tynk

Fire resistance class:
(R)EI60
(R)EI120

Increase of acoustic insulation:
11 dB

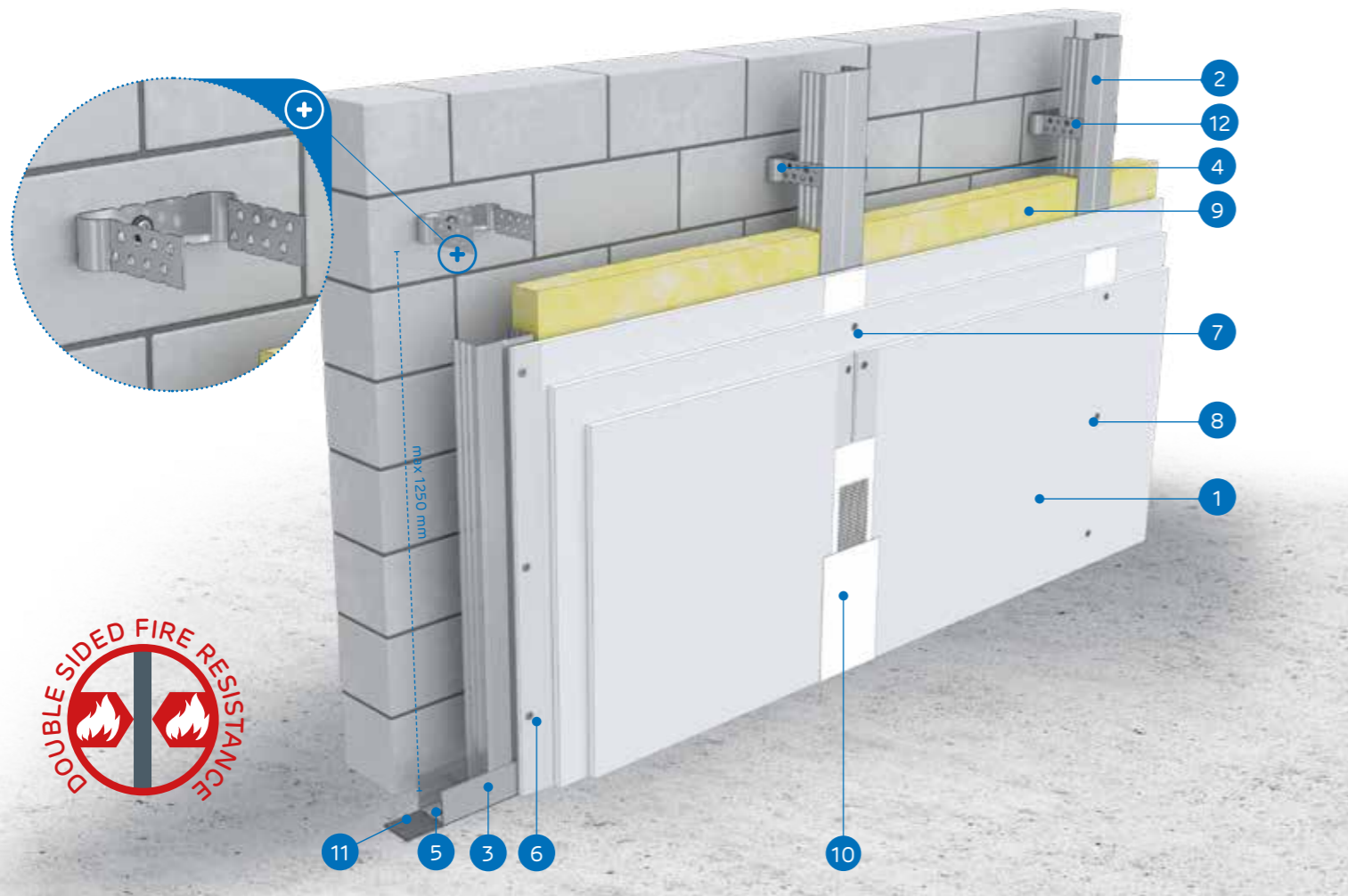
Maximum encasement height:
without limits

Weight of 1m² of encasement:
33,0-43,0 kg

Number of related document:
ETA 15/0301

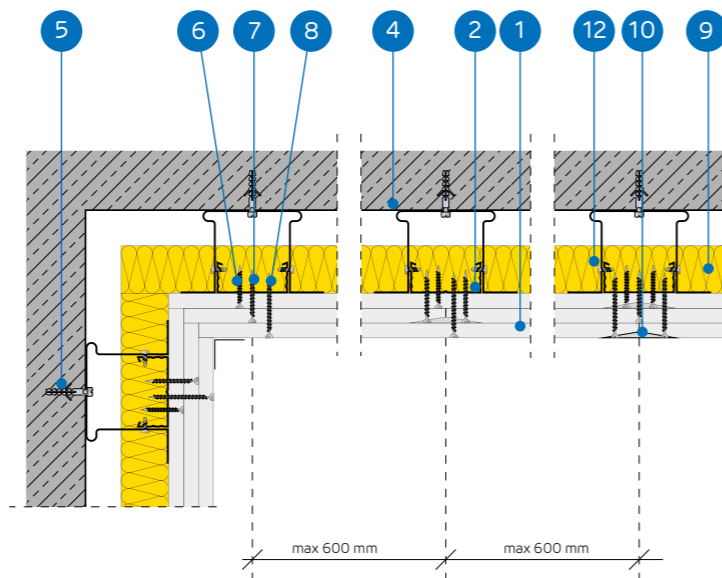
Declaration of Performance:
DoP/Fixed Lining System /0015/15.11.2016

SYSTEMS:
CD/EL-37,5; CD/EL-45



MATERIALS:

1. Nida plasterboard
2. Nida CD60 profile
3. Nida UD27 profile
4. Nida EL60 fixing element
5. Anchoring element
6. Nida 3.5x25 mm sheet metal screws
7. Nida 3.5x35 mm sheet metal screws
8. Nida 3.5x55 mm sheet metal screws
9. Insulation material mineral wool (optional)
10. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
11. Self-adhesive tape with lead
12. FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal



THE SYSTEM OF WALL CLADDING ANCHORED TO THE NIDA CD60 LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name ¹⁾	Sheathing of plasterboards			Load-bearing structure		Insulation material	Maximum height	Increase of acoustic insulation	Weight of 1m ² of encasement	Fire resistance class	Special system
				Spacing of the Nida EL60 fasteners	Spacing of the Nida CD60 profiles						
	Nida	Thickness [mm]	Marking acc. to standard	[mm]	[mm]	[mm]	[mm]	ΔRw max [dB]	[kg]	[min]	
CD/EL-37,5/Ogień+	Ogień Plus	3x12,5	DF	1250	600	optional	without limits	11	33,0	(R)EI60	-
CD/EL-37,5/WodaOgień+	Woda Ogień Plus	3x12,5	DFH2	1250	600	optional	without limits	11	33,0	(R)EI60	-
CD/EL-37,5/Cicha	Cicha	3x12,5	DFH1IR	1250	600	optional	without limits	11	41,0	(R)EI60	•
CD/EL-37,5/Twarda	Twarda	3x12,5	DEFH1IR	1250	600	optional	without limits	11	41,0	(R)EI60	•
CD/EL-37,5/Hydro	Hydro	3x12,5	GMFH1I	1250	600	optional	without limits	11	35,0	(R)EI60	•
CD/EL-45/Ogień+ ²⁾	Ogień Plus	3x15,0	DF	1250	600	optional	without limits	11	43,0	(R)EI120	-
CD/EL-45/WodaOgień+ ²⁾	Woda Ogień Plus	3x15,0	DFH2	1250	600	optional	without limits	11	43,0	(R)EI120	-

¹⁾ European Technical Assessment ETA 15/0301.

²⁾ Within the systems for the fire resistance (R)EI120 and 3x15.0 mm configuration replacement of board types is not possible.

CONSUMPTION OF MATERIALS PER 1M² FOR THE ANCHORED WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk						
		CD/EL-37,5/Ogień+	CD/EL-37,5/WodaOgień+	CD/EL-37,5/Cicha	CD/EL-37,5/Twarda	CD/EL-37,5/Hydro	CD/EL-45/Ogień+	CD/EL-45/WodaOgień+
		Consumption of material per 1m ²						
Nida Ogień Plus 12.5 mm plasterboard	m ²	3,0	-	-	-	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m ²	-	3,0	-	-	-	-	-
Nida Cicha 12.5 mm plasterboard	m ²	-	-	3,0	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m ²	-	-	-	3,0	-	-	-
Nida Hydro 12.5 mm plasterboard	m ²	-	-	-	-	3,0	-	-
Nida Ogień Plus 15.0 mm plasterboard	m ²	-	-	-	-	-	3,0	-
Nida Woda Ogień Plus 15.0 mm plasterboard	m ²	-	-	-	-	-	-	3,0
Nida CD60 profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida UD27 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida EL60 fixing element	pcs.	1,5	1,5	1,5	1,5	1,5	1,5	1,5
Anchoring element ³⁾	pcs.	2,4	2,4	2,4	2,4	2,4	2,4	2,4
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	6,0	6,0	6,0	6,0	6,0	6,0	6,0
Nida 3.5x25 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	4,0	4,0
Nida 3.5x35 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	4,0	4,0
Nida 3.5x55 mm sheet metal screws	pcs.	12,0	12,0	-	-	-	-	-
Nida 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	-	12,0	12,0
FixDens 4.2x25 mm screws	pcs.	-	-	4,0	4,0	-	-	-
FixDens 4.2x42 mm screws	pcs.	-	-	4,0	4,0	-	-	-
FixDens 4.2x60 mm screws	pcs.	-	-	12,0	12,0	-	-	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-
Nida Hydro C5 3.5x55 mm sheet metal screws	pcs.	-	-	-	-	12,0	-	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida Start gypsum putty	kg	0,9	0,9	0,9	-	-	0,9	0,9
Nida Finish gypsum putty	kg	0,1	0,1	0,1	-	-	0,1	0,1
Nida Hydromix ready-to-use joint filler ⁴⁾	kg	-	-	-	1,0	1,0	-	-
Mineral wool ⁵⁾	m ²	1,0	1,0	1,0	1,0	1,0	1,0	1,0

³⁾ The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.

⁴⁾ For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.

⁵⁾ Application acc. to the requirements

The standards concerning the amount of utilised material do not cover the loss of the material.

nida Tynk

Fire resistance class:
(R)EI90
(R)EI120

Increase of acoustic insulation:
11 dB

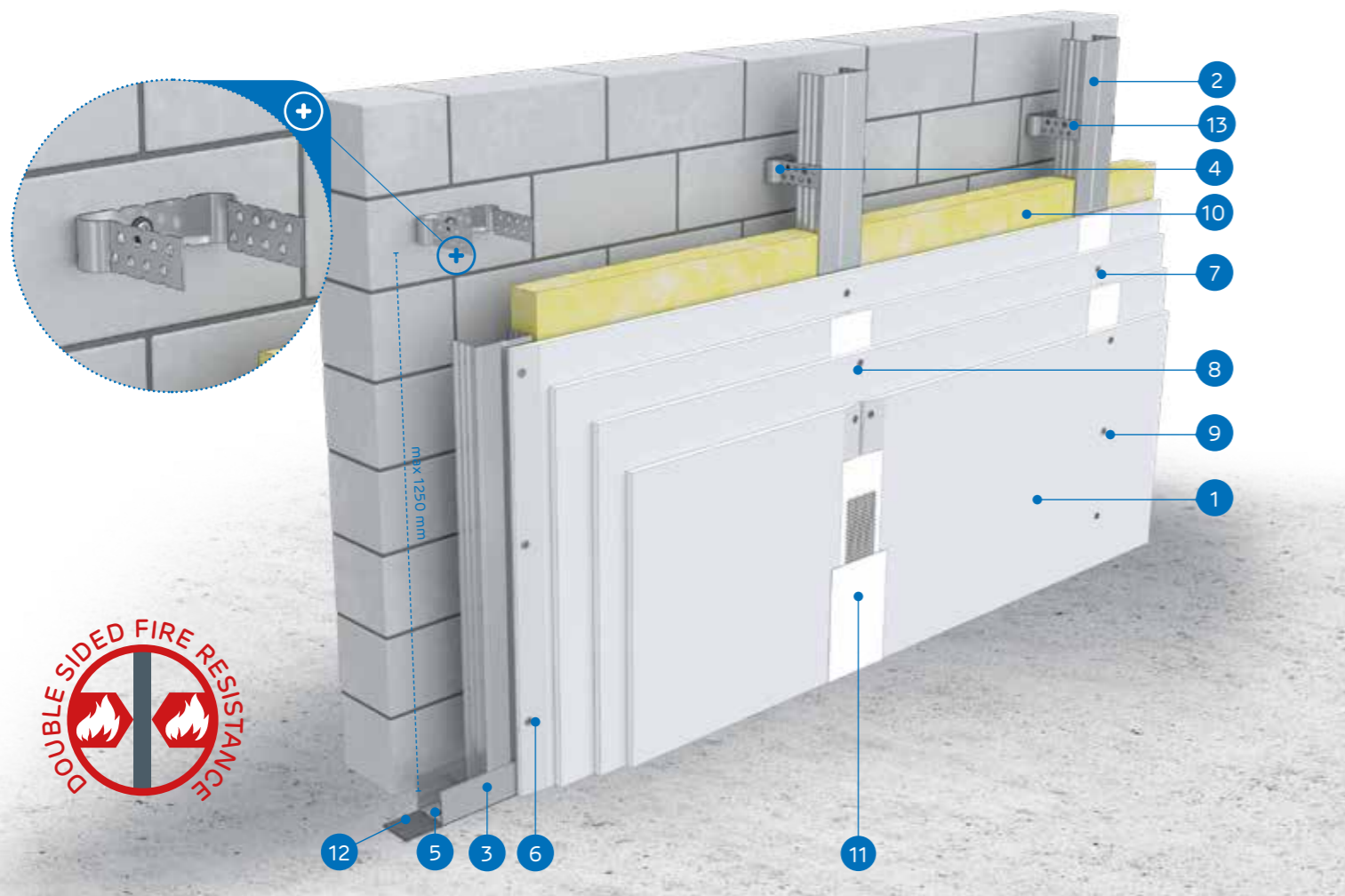
Maximum encasement height:
without limits

Weight of 1m² of encasement:
43,0-64,0 kg

Number of related document:
ETA 15/0301

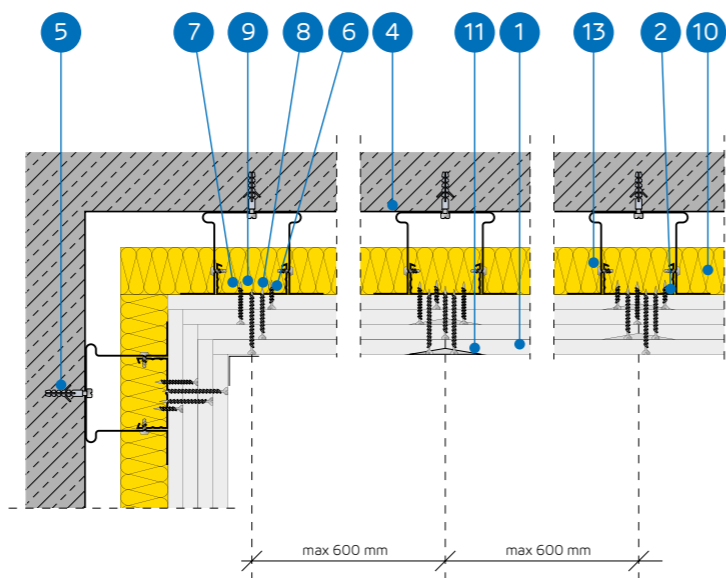
Declaration of Performance:
DoP/Fixed Lining System /0015/15.11.2016

SYSTEMS:
CD/EL-50; CD/EL-55; CD/EL-60



MATERIALS:

1. Nida plasterboard
2. Nida CD60 profile
3. Nida UD27 profile
4. Nida EL60 fixing element
5. Anchoring element
6. Nida 3.5x25 mm sheet metal screws
7. Nida 3.5x35 mm sheet metal screws
8. Nida 3.5x55 mm sheet metal screws
9. Nida 4.2x70 mm sheet metal screws
10. Insulation material mineral wool (optional)
11. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
12. Self-adhesive tape with lead
13. FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal



THE SYSTEM OF WALL CLADDING ANCHORED TO THE NIDA CD60 LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name ¹⁾	Sheathing of plasterboards			Load-bearing structure		Insulation material	Maximum height	Increase of acoustic insulation	Weight of 1m ² of encasement	Fire resistance class	Special system
	Nida	Thickness [mm]	Marking acc. to standard	Spacing of the Nida EL60 fasteners [mm]	Spacing of the Nida CD60 profiles [mm]						
CD/EL-50/Ogień+	Ogień Plus	4x12,5	DF	1250	600	optional	without limits	11	43,0	(R)EI90	-
CD/EL-50/WodaOgień+	Woda Ogień Plus	4x12,5	DFH2	1250	600	optional	without limits	11	43,0	(R)EI90	-
CD/EL-50/Cicha	Cicha	4x12,5	DFH1R	1250	600	optional	without limits	11	54,0	(R)EI90	•
CD/EL-50/Twarda	Twarda	4x12,5	DEFH1R	1250	600	optional	without limits	11	54,0	(R)EI90	•
CD/EL-50/Hydro	Hydro	4x12,5	GMFH1I	1250	600	optional	without limits	11	46,0	(R)EI90	•
CD/EL-55/Ogień+	Ogień Plus	2x12,5+2x15,0	DF	1250	600	optional	without limits	11	50,0	(R)EI120	-
CD/EL-55/Twarda	Twarda	2x12,5+2x15,0	DEFH1R	1250	600	optional	without limits	11	60,0	(R)EI120	•
CD/EL-55/Hydro	Hydro	2x12,5+2x15,0	GMFH1I	1250	600	optional	without limits	11	51,0	(R)EI120	•
CD/EL-60/Ogień+	Ogień Plus	4x15,0	DF	1250	600	optional	without limits	11	57,0	(R)EI120	-
CD/EL-60/Twarda	Twarda	4x15,0	DEFH1R	1250	600	optional	without limits	11	64,0	(R)EI120	•
CD/EL-60/Hydro	Hydro	4x15,0	GMFH1I	1250	600	optional	without limits	11	57,0	(R)EI120	•

¹⁾ European Technical Assessment ETA 15/0301.

CONSUMPTION OF MATERIALS PER 1M² FOR THE ANCHORED WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk										
		CD/EL-50/Ogień+	CD/EL-50/WodaOgień+	CD/EL-50/Cicha	CD/EL-50/Twarda	CD/EL-50/Hydro	CD/EL-55/Ogień+	CD/EL-55/Twarda	CD/EL-55/Hydro	CD/EL-60/Ogień+	CD/EL-60/Twarda	CD/EL-60/Hydro
		Consumption of material per 1m ²										
Nida Ogień Plus 12.5 mm plasterboard	m ²	4,0	-	-	-	-	2,0	-	-	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m ²	-	4,0	-	-	-	-	-	-	-	-	-
Nida Cicha 12.5 mm plasterboard	m ²	-	-	4,0	-	-	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m ²	-	-	-	4,0	-	-	2,0	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m ²	-	-	-	-	4,0	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m ²	-	-	-	-	-	2,0	-	-	4,0	-	-
Nida Twarda 15.0 mm plasterboard	m ²	-	-	-	-	-	-	2,0	-	-	4,0	-
Nida Hydro 15.0 mm plasterboard	m ²	-	-	-	-	-	-	-	2,0	-	-	4,0
Nida CD60 profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida UD27 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida EL60 fixing element	pcs.	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5
Anchoring element ²⁾	pcs.	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	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.	4,0	4,0	-	-	-	4,0	-	-	4,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	-	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	4,0	-	-	4,0	-	-
Nida 3.5x55 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	4,0	-	-	4,0	-	-
Nida 4.2x70 mm sheet metal screws	pcs.	12,0	12,0	-	-	-	12,0	-	-	12,0	-	-
FixDens 4.2x25 mm screws	pcs.	-	-	4,0	4,0	-	-	4,0	-	-	4,0	-
FixDens 4.2x42 mm screws	pcs.	-	-	4,0	4,0	-	-	4,0	-	-	4,0	-
FixDens 4.2x60 mm screws	pcs.	-	-	4,0	4,0	-	-	4,0	-	-	4,0	-
FixDens 4.5x80 mm screws	pcs.	-	-	12,0	12,0	-	-	12,0	-	-	12,0	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Hydro C5 3.5x55 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Hydro C5 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	12,0	-	-	12,0	-	-	12,0
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
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida Start gypsum putty	kg	1,2	1,2	1,2	-	-	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 ³⁾	kg	-	-	-	1,3	1,3	-	1,3	-	1,3	-	1,3
Mineral wool ⁴⁾	m ²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

²⁾ The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.

³⁾ For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.

⁴⁾ Application acc. to the requirements

The standards concerning the amount of utilised material do not cover the loss of the material.

nida Tynk



Fire resistance class:
N/A



Sound absorption coefficient:
0,70 dB



Maximum encasement height:
without limits



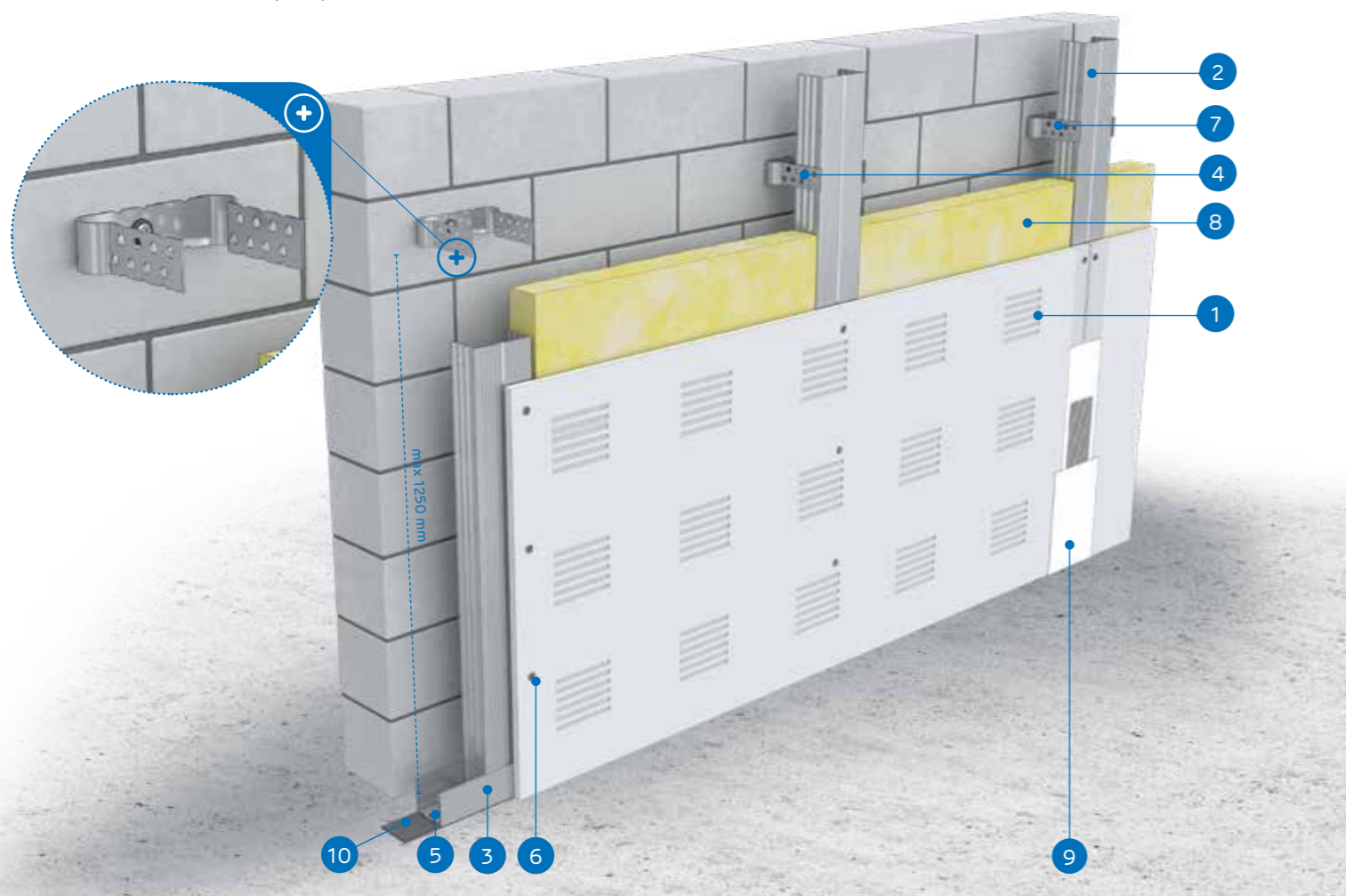
Weight of 1m² of encasement:
12,0 kg



Number of related document:
ETA 15/0301

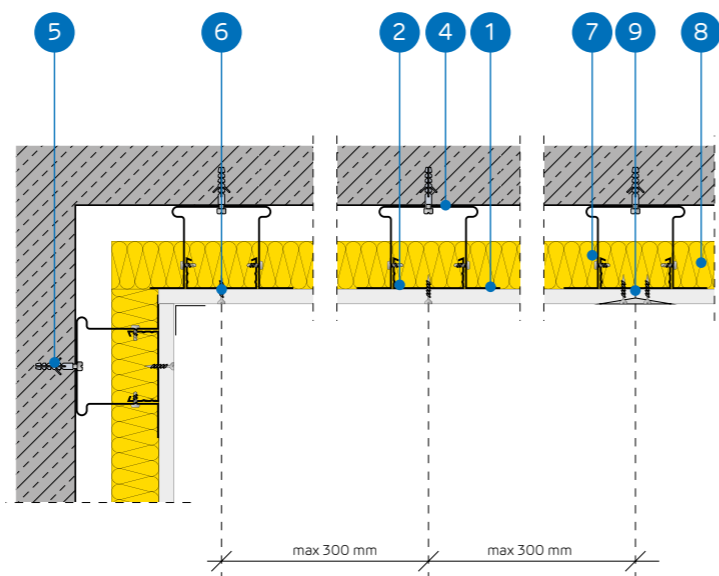
Declaration of Performance:
DoP/Fixed Lining System /0016/15.11.2016

SYSTEMS:
CD/EL-12,5/SONIC (NO)



MATERIALS:

1. Nida Sonic 12.5 mm plasterboard
2. Nida CD60 profile
3. Nida UD27 profile
4. Nida ES 60/70 fixing element
5. Anchoring element
6. Nida 3.5x25 mm sheet metal screws
7. FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal
8. Insulation material mineral wool, thickness 40 mm
9. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
10. Self-adhesive tape with lead



THE SYSTEM OF WALL CLADDING ANCHORED TO THE NIDA CD60 LOAD-BEARING STRUCTURE (NIDA SONIC „NO“)

TECHNICAL PARAMETERS

Nida Tynk system name ¹⁾	Sheathing of plasterboards			Load-bearing structure		Insulation material		Maximum height	Sound absorption coefficient ²⁾	Weight of 1m² of encasement	Fire resistance class
				Spacing of the Nida EL60 fasteners	Spacing of the Nida CD60 profiles						
	Nida	Thickness [mm]	Marking acc. to standard	[mm]	[mm]	Mineral wool	[mm]	[mm]	α _w	[kg]	[min]
CD/EL-12,5/SonicR6n0	Sonic R6n0	12,5	A	1250	300	glass wool	40	without limits	0,45	12,0	-
CD/EL-12,5/SonicR8n0	Sonic R8n0	12,5	A	1250	300	glass wool	40	without limits	0,65	12,0	-
CD/EL-12,5/SonicR10n0	Sonic R10n0	12,5	A	1250	300	glass wool	40	without limits	0,65	12,0	-
CD/EL-12,5/SonicR12n0	Sonic R12n0	12,5	A	1250	300	glass wool	40	without limits	0,70	12,0	-
CD/EL-12,5/SonicR15n0	Sonic R15n0	12,5	A	1250	300	glass wool	40	without limits	0,70	12,0	-
CD/EL-12,5/SonicRN8/15/20n0	Sonic RN8/15/20n0	12,5	A	1250	300	glass wool	40	without limits	0,45	12,0	-
CD/EL-12,5/SonicR8/12n0	Sonic R8/12n0	12,5	A	1250	300	glass wool	40	without limits	0,60	12,0	-
CD/EL-12,5/SonicR12/20n0	Sonic R12/20n0	12,5	A	1250	300	glass wool	40	without limits	0,70	12,0	-
CD/EL-12,5/SonicRN12/20/35n0	Sonic RN12/20/35n0	12,5	A	1250	300	glass wool	-	without limits	0,40	12,0	-
CD/EL-12,5/SonicC8n0	Sonic C8n0	12,5	A	1250	300	glass wool	-	without limits	0,60	12,0	-
CD/EL-12,5/SonicC12n0	Sonic C12n0	12,5	A	1250	300	glass wool	-	without limits	0,55	12,0	-

¹⁾ European Technical Assessment ETA 15/0301.
²⁾ Test report ITB LA-1187a/2005.

CONSUMPTION OF MATERIALS PER 1M² FOR THE ANCHORED WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk										
		CD/EL-12,5/SonicR6n0	CD/EL-12,5/SonicR8n0	CD/EL-12,5/SonicR10n0	CD/EL-12,5/SonicR12n0	CD/EL-12,5/SonicR15n0	CD/EL-12,5/SonicRN8/15/20n0	CD/EL-12,5/SonicR8/12n0	CD/EL-12,5/SonicR12/20n0	CD/EL-12,5/SonicRN12/20/35n0	CD/EL-12,5/SonicC8n0	CD/EL-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	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6
Nida UD27 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida EL60 fixing element	pcs.	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5
Anchoring element ³⁾	pcs.	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	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.	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0
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
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida Max gypsum putty	kg	0,3	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	0,1
Mineral wool ⁴⁾	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

³⁾ The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
⁴⁾ Application acc. to the requirements
The weight does not account for the mass of the insulation material.
The standards concerning the amount of utilised material do not cover the loss of the material.



nida Tynk



Fire resistance class:
N/A



Sound absorption coefficient:
0,70 dB



Maximum encasement height:
without limits



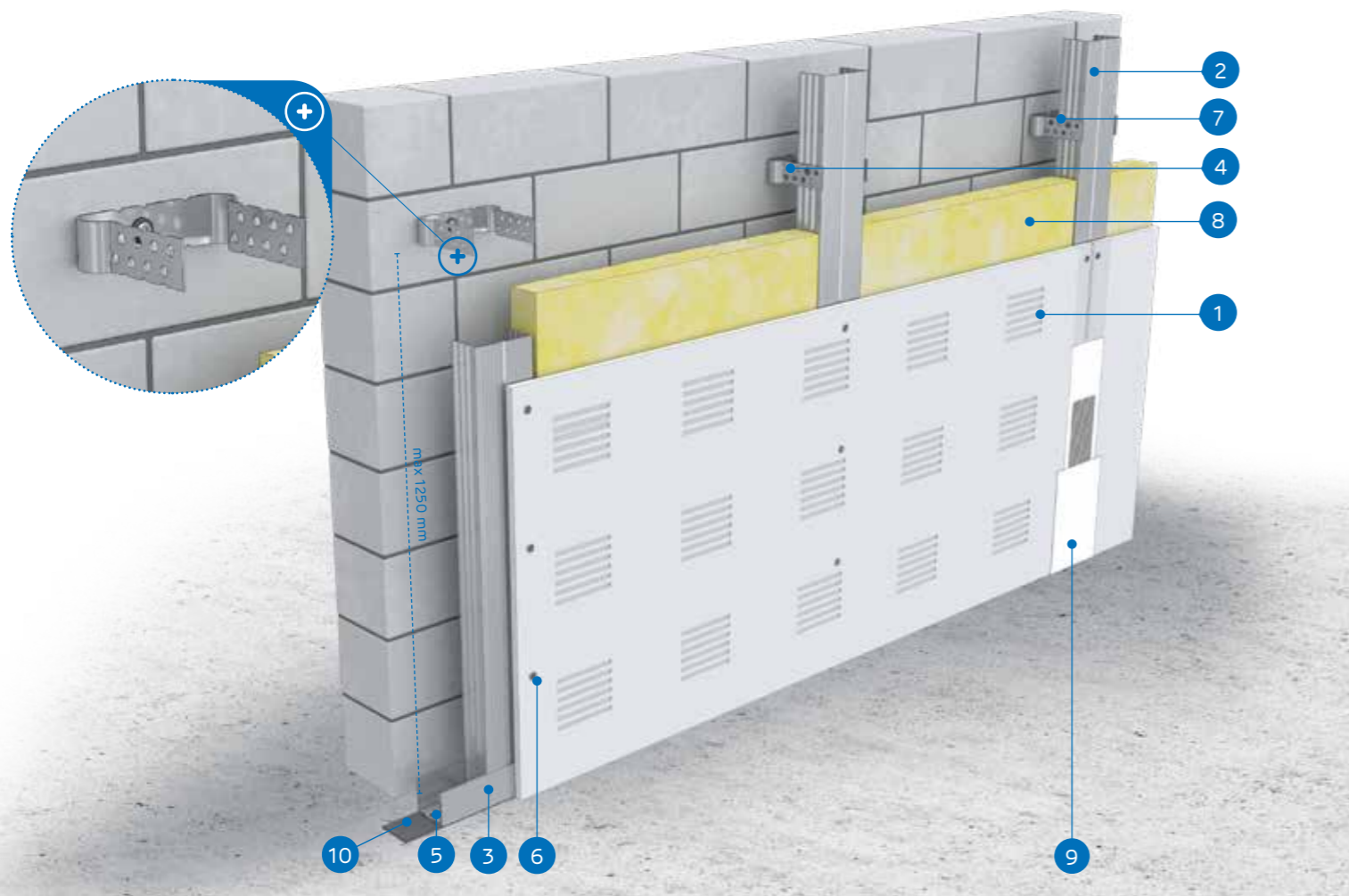
Weight of 1m² of encasement:
12,0 kg



Number of related document:
ETA 15/0301

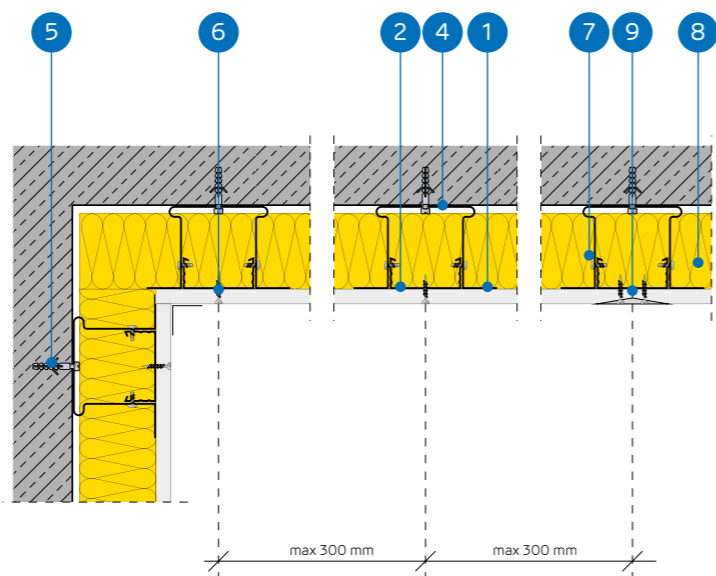
Declaration of Performance:
DoP/Fixed Lining System /0016/15.11.2016

SYSTEMS:
CD/EL-12,5/SONIC (N1-N8)



MATERIALS:

1. Nida Sonic 12.5 mm plasterboard
2. Nida CD60 profile
3. Nida UD27 profile
4. Nida ES 60/70 fixing element
5. Anchoring element
6. Nida 3.5x25 mm sheet metal screws
7. FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal
8. Insulation material mineral wool, thickness 80 mm
9. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
10. Self-adhesive tape with lead



THE SYSTEM OF WALL CLADDING ANCHORED TO THE NIDA CD60 LOAD-BEARING STRUCTURE (NIDA SONIC „N1-N8”)

TECHNICAL PARAMETERS

Nida Tynk system name ¹⁾	Sheathing of plasterboards			Load-bearing structure		Insulation material		Maximum height	Sound absorption coefficient ²⁾	Weight of 1m ² of encasement	Fire resistance class
				Spacing of the Nida EL60 fasteners	Spacing of the Nida CD60 profiles						
	Nida	Thickness [mm]	Marking acc. to standard	[mm]	[mm]	Mineral wool	[mm]	[mm]	α _w	[kg]	[min]
CD/EL-12,5/SonicR15n1	Sonic R15n1 ³⁾	12,5	A	1250	300	glass wool	80	without limits	0,60	12,0	-
CD/EL-12,5/SonicR12n2	Sonic R12n2 ³⁾	12,5	A	1250	300	glass wool	80	without limits	0,60	12,0	-
CD/EL-12,5/SonicR15n8	Sonic R15n8 ³⁾	12,5	A	1250	300	glass wool	80	without limits	0,50	12,0	-
CD/EL-12,5/SonicC10n8	Sonic C10n8 ³⁾	12,5	A	1250	300	glass wool	80	without limits	0,70	12,0	-
CD/EL-12,5/SonicL5x80n8	Sonic L5x80n8 ³⁾	12,5	A	1250	300	glass wool	80	without limits	0,55	12,0	-

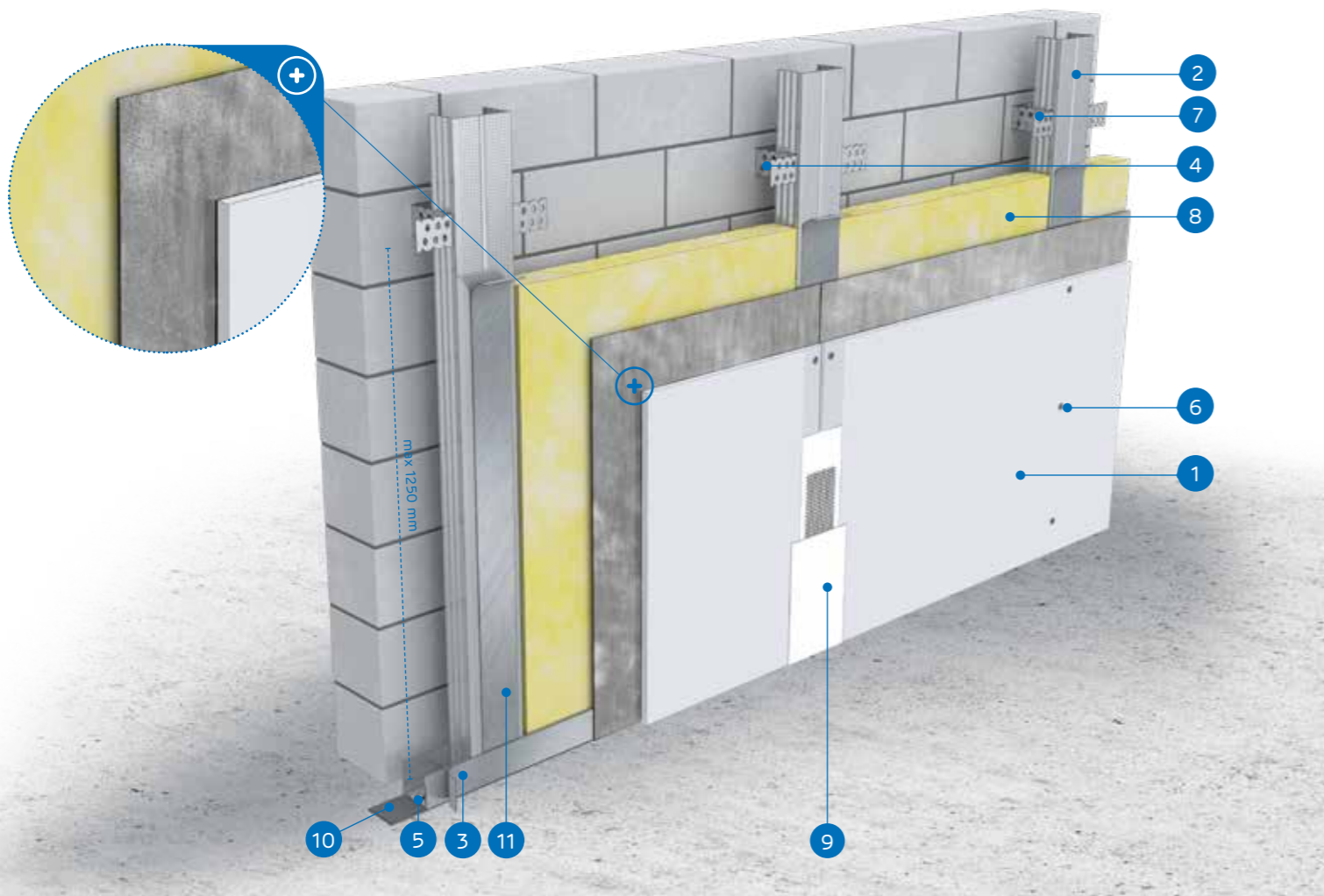
¹⁾ European Technical Assessment ETA 15/0301.
²⁾ Test report ITB LA-1187a/2005.
³⁾ The plasterboard is under the trade name Creason.

CONSUMPTION OF MATERIALS PER 1M² FOR THE ANCHORED WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

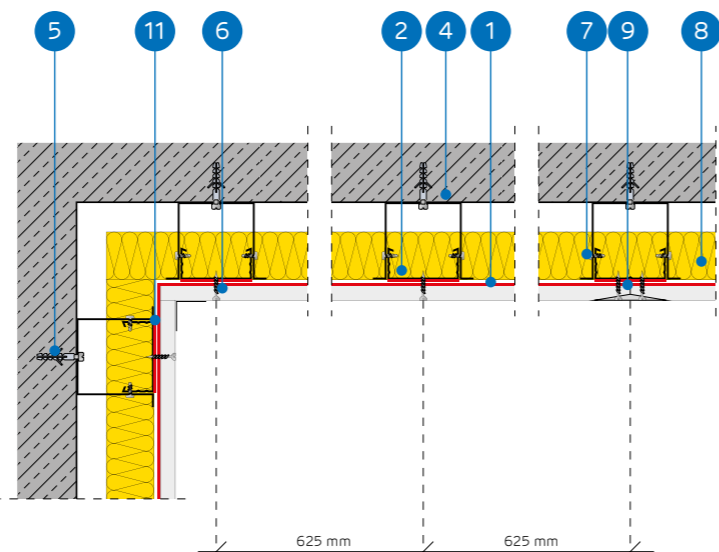
Material name	UM	System type Nida Tynk				
		CD/EL-12,5/SonicR15n1	CD/EL-12,5/SonicR12n2	CD/EL-12,5/SonicR15n8	CD/EL-12,5/SonicC10n8	CD/EL-12,5/SonicL5x80n8
		Consumption of material per 1m ²				
Nida Sonic R15n1 plasterboard	m ²	1,0	-	-	-	-
Nida Sonic R12n2 plasterboard	m ²	-	1,0	-	-	-
Nida Sonic R15n8 plasterboard	m ²	-	-	1,0	-	-
Nida Sonic C10n8 plasterboard	m ²	-	-	-	1,0	-
Nida Sonic L5x80n8 plasterboard	m ²	-	-	-	-	1,0
Nida CD60 profile	lm	3,6	3,6	3,6	3,6	3,6
Nida UD27 profile	lm	0,7	0,7	0,7	0,7	0,7
Nida EL60 fixing element	pcs.	1,5	1,5	1,5	1,5	1,5
Anchoring element ⁴⁾	pcs.	2,4	2,4	2,4	2,4	2,4
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	6,0	6,0	6,0	6,0	6,0
Nida 3.5x25 mm sheet metal screws	pcs.	12,0	12,0	12,0	12,0	12,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6
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 ⁵⁾	m ²	1,0	1,0	1,0	1,0	1,0

⁴⁾ The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
⁵⁾ Application acc. to the requirements.
The weight does not account for the mass of the insulation material.
The standards concerning the amount of utilised material do not cover the loss of the material.



nida TynkFire resistance class:
N/AIncrease of acoustic insulation:
11 dBMaximum encasement height:
without limitsWeight of 1m² of encasement:
18,0-46,0 kgNumber of related document:
ETA 15/0301Declaration of Performance:
DoP/Fixed Lining System /0017/15.11.2016**SYSTEMS:****CD/ES-13/RTG; CD/ES-13,5/RTG; CD/ES-14/RTG;
CD/ES-14,5/RTG; CD/ES-15/RTG; CD/ES-15,5/RTG****MATERIALS:**

1. Nida RTG plasterboard with lead coating
2. Nida CD60 profile
3. Nida UD27 profile
4. Nida ES 60/75 fixing element
5. Anchoring element
6. Nida 3.5x25 mm sheet metal screws
7. FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal
8. Insulation material mineral wool (optional)
9. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
10. Self-adhesive tape with lead
11. Self-adhesive tape with lead

**THE SYSTEM OF WALL CLADDING ANCHORED TO THE NIDA CD60 LOAD-BEARING STRUCTURE (NIDA RTG)****TECHNICAL PARAMETERS**

Nida Tynk system name ¹⁾	Sheathing of plasterboards			Load-bearing structure		Insulation material	Maximum height	Increase of acoustic insulation	Weight of 1m² of encasement	Fire resistance class	Special system
				Spacing of the Nida ES60 fasteners	Spacing of the Nida CD60 profiles						
	Nida	Thickness [mm]	Marking acc. to standard	[mm]	[mm]	[mm]	[mm]	ΔRw max [dB]	[kg]	[min]	
CD/ES-13/RTG	RTG	12,5 + 0,5	DF	1250	625	optional	without limits	11	18,0	-	●
CD/ES-13,5/RTG	RTG	12,5 + 1,0	DF	1250	625	optional	without limits	11	23,0	-	●
CD/ES-14/RTG	RTG	12,5 + 1,5	DF	1250	625	optional	without limits	11	29,0	-	●
CD/ES-14,5/RTG	RTG	12,5 + 2,0	DF	1250	625	optional	without limits	11	35,0	-	●
CD/ES-15/RTG	RTG	12,5 + 2,5	DF	1250	625	optional	without limits	11	41,0	-	●
CD/ES-15,5/RTG	RTG	12,5 + 3,0	DF	1250	625	optional	without limits	11	46,0	-	●

¹⁾ European Technical Assessment ETA 15/0301.**CONSUMPTION OF MATERIALS PER 1M² FOR THE ANCHORED WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM**

Material name	UM	System type Nida Tynk					
		CD/ES-13/RTG	CD/ES-13,5/RTG	CD/ES-14/RTG	CD/ES-14,5/RTG	CD/ES-15/RTG	CD/ES-15,5/RTG
		Consumption of material per 1m²					
Nida RTG 12,5 mm plasterboard + 0,5 mm	m²	1,0	-	-	-	-	-
Nida RTG 12,5 mm plasterboard + 1,0 mm	m²	-	1,0	-	-	-	-
Nida RTG 12,5 mm plasterboard + 1,5 mm	m²	-	-	1,0	-	-	-
Nida RTG 12,5 mm plasterboard + 2,0 mm	m²	-	-	-	1,0	-	-
Nida RTG 12,5 mm plasterboard + 2,5 mm	m²	-	-	-	-	1,0	-
Nida RTG 12,5 mm plasterboard + 3,0 mm	m²	-	-	-	-	-	1,0
Nida CD60 profile	lm	1,8	1,8	1,8	1,8	1,8	1,8
Nida UD27 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7
Nida ES60/EL60 fixing element	pcs.	1,5	1,5	1,5	1,5	1,5	1,5
Anchoring element ²⁾	pcs.	2,4	2,4	2,4	2,4	2,4	2,4
FLAT HEAD 4,2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	6,0	6,0	6,0	6,0	6,0	6,0
Nida 3,5x35 mm sheet metal screws	pcs.	12,0	12,0	12,0	12,0	12,0	12,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6
Nida RTG tape with lead (self-adhesive) ³⁾	lm	- ⁴⁾	- ⁴⁾	- ⁴⁾	- ⁴⁾	- ⁴⁾	- 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
Mineral wool ⁵⁾	m²	1,0	1,0	1,0	1,0	1,0	1,0

²⁾ The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.³⁾ Selection of the lead tape thickness according to the type of the applied sheathing.⁴⁾ Consumption depending on the requirements and the encasement type.⁵⁾ Application acc. to the requirements

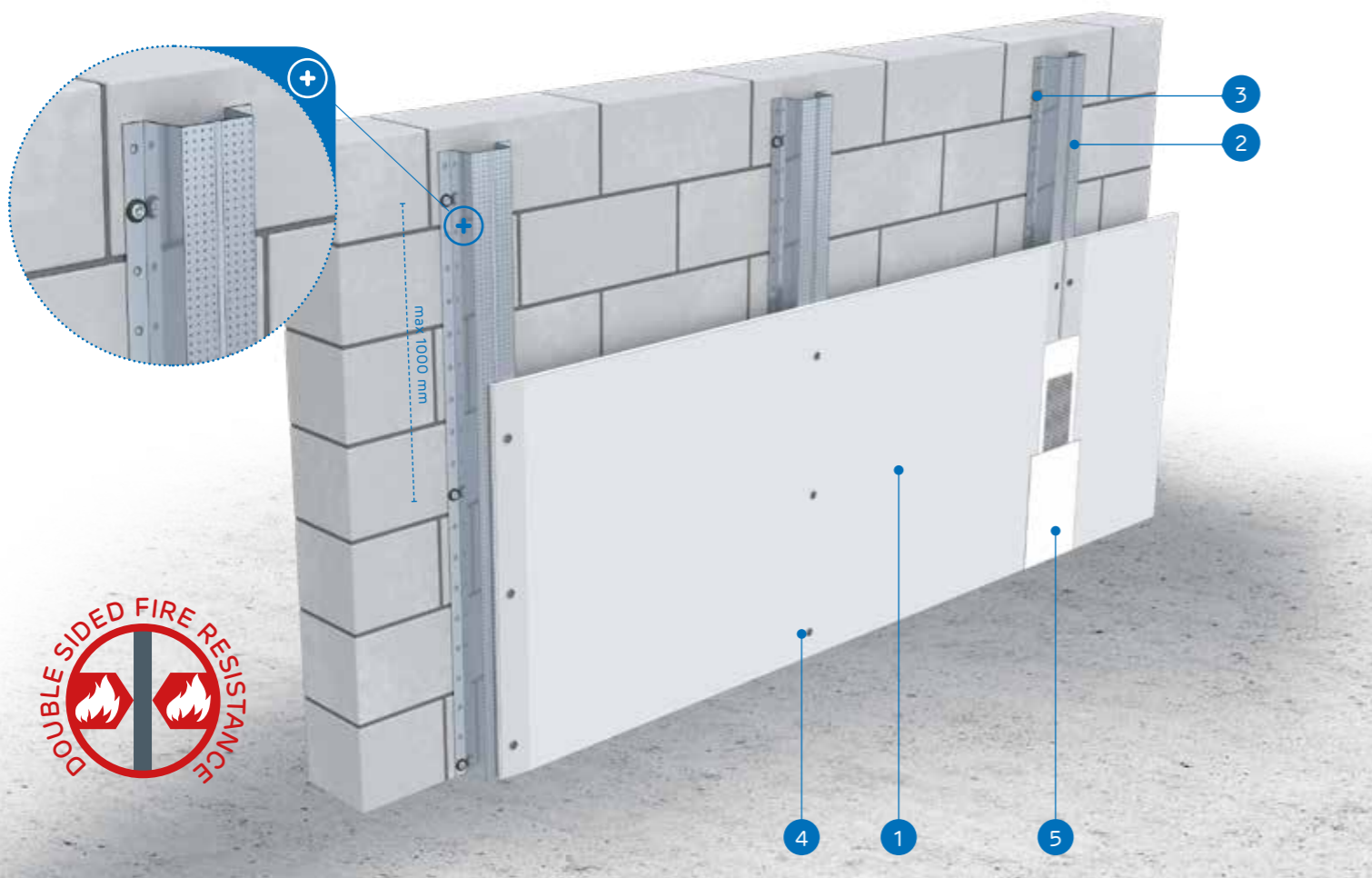
The weight does not account for the mass of the insulation material.

The standards concerning the amount of utilised material do not cover the loss of the material.



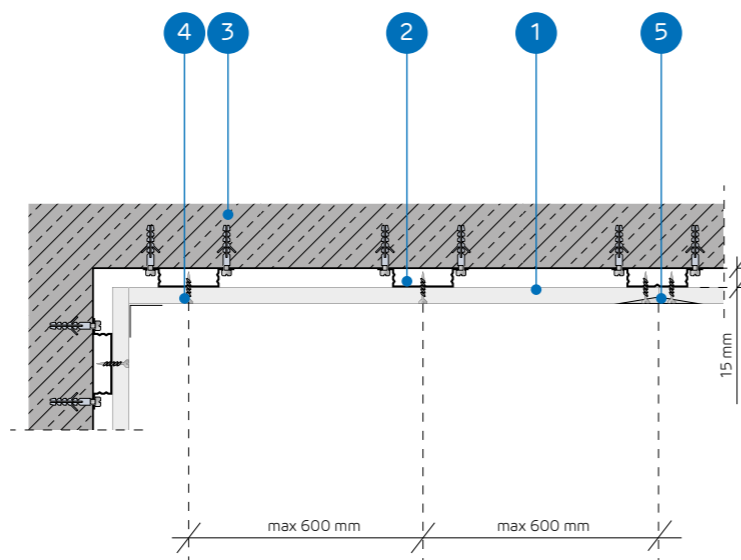
nida TynkFire resistance class:
**(R)EI15
(R)EI30**Increase of acoustic insulation:
11 dBMaximum encasement height:
without limitsWeight of 1m² of encasement:
10,0-15,0 kgNumber of related document:
ETA 15/0301Declaration of Performance:
DoP/Fixed Lining System /0014/15.11.2016

SYSTEMS:

PK48-12,5; PK48-18

MATERIALS:

1. Nida plasterboard
2. NIDA PK48 top-hat profile
3. Anchoring element
4. Nida 3.5x25 mm sheet metal screws
5. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape



THE SYSTEM OF WALL CLADDING ANCHORED TO THE NIDA PK48 LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name ¹⁾	Sheathing of plasterboards			Load-bearing structure		Insulation material	Maximum height	Increase of acoustic insulation	Weight of 1m² of encasement	Fire resistance class	Special system
				Spacing of the anchoring element	Spacing of the Nida PK48 profiles						
	Nida	Thickness [mm]	Marking acc. to standard	[mm]	[mm]	[mm]	[mm]	ΔRw max [dB]	[kg]	[min]	
PK48-12,5/Expert	Expert	12,5	A	1000	600	optional	without limits	11	10,0	-	-
PK48-12,5/Woda ²⁾	Woda	12,5	H2	1000	600	optional	without limits	11	10,0	-	-
PK48-12,5/Ogień+	Ogień Plus	12,5	DF	1000	600	optional	without limits	11	12,0	(R)EI15	-
PK48-12,5/WodaOgień+	Woda Ogień Plus	12,5	DFH2	1000	600	optional	without limits	11	12,0	(R)EI15	-
PK48-12,5/Cicha	Cicha	12,5	DFH1IR	1000	600	optional	without limits	11	14,0	(R)EI15	•
PK48-12,5/Twarda	Twarda	12,5	DEFH1IR	1000	600	optional	without limits	11	14,0	(R)EI15	•
PK48-12,5/Hydro	Hydro	12,5	GMFH1I	1000	600	optional	without limits	11	12,0	(R)EI15	•
PK48-18/Ogień+	Ogień Plus	18,0	DF	1000	600	optional	without limits	11	15,0	(R)EI30	-

¹⁾ European Technical Assessment ETA 15/0301.²⁾ 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 ANCHORED WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk							
		PK48-12,5/Expert	PK48-12,5/Woda	PK48-12,5/Ogień+	PK48-12,5/WodaOgień+	PK48-12,5/Cicha	PK48-12,5/Twarda	PK48-12,5/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 Cicha 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 18.0 mm plasterboard	m²	-	-	-	-	-	-	-	1,0
Nida PK48 profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Anchoring element ³⁾	pcs.	3,8	3,8	3,8	3,8	3,8	3,8	3,8	3,8
Nida 3.5x25 mm sheet metal screws	pcs.	12,0	12,0	12,0	12,0	-	-	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	12,0
FixDens 4.2x25 mm screws	pcs.	-	-	-	-	12,0	12,0	-	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	-	12,0	-
Nida reinforcement tape	lm	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 ⁴⁾	kg	-	-	-	-	-	0,4	0,4	-

³⁾ The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.⁴⁾ 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 Tynk

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

Increase of acoustic insulation:
11 dB

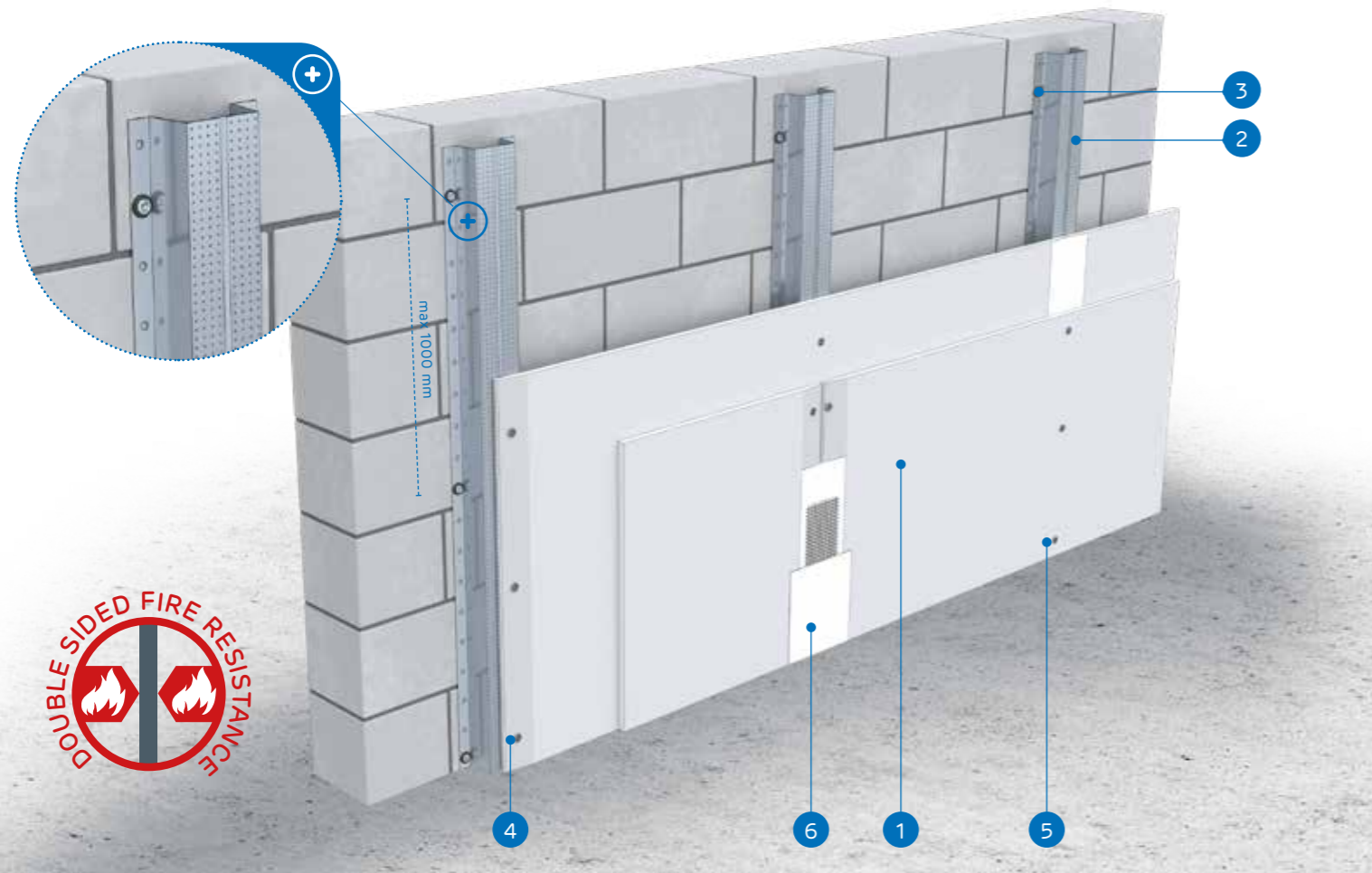
Maximum encasement height:
without limits

Weight of 1m² of encasement:
18,0-33,0 kg

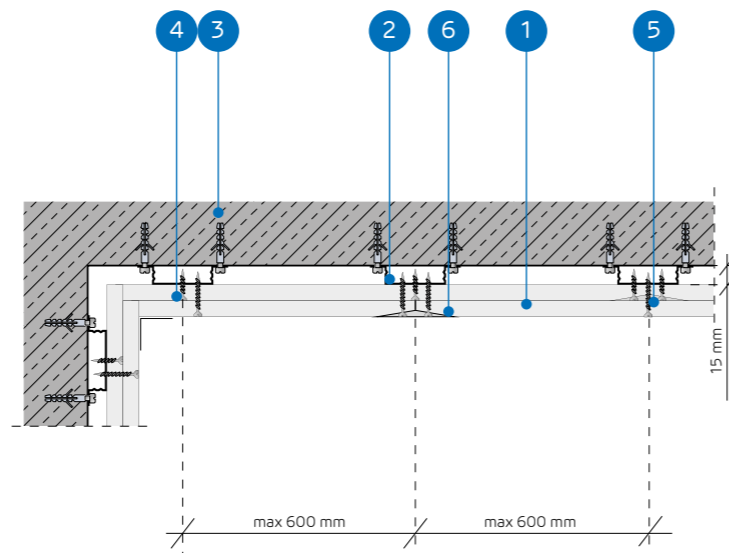
Number of related document:
ETA 15/0301

Declaration of Performance:
DoP/Fixed Lining System /0014/15.11.2016

SYSTEMS:
PK48-25; PK48-27,5; PK48-30



- MATERIALS:**
1. Nida plasterboard
 2. NIDA PK48 top-hat profile
 3. Anchoring element
 4. Nida 3.5x25 mm sheet metal screws
 5. Nida 3.5x35 mm sheet metal screws
 6. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape



THE SYSTEM OF WALL CLADDING ANCHORED TO THE NIDA PK48 LOAD-BEARING STRUCTURE

Nida Tynk system name ¹⁾	Sheathing of plasterboards			Load-bearing structure		Insulation material	Maximum height	Increase of acoustic insulation	Weight of 1m ² of encasement	Fire resistance class	Special system
	Nida	Thickness [mm]	Marking acc. to standard	Spacing of the anchoring element	Spacing of the Nida PK48 profiles						
				[mm]	[mm]						
PK48-25/Expert	Expert	2x12,5	A	1000	600	optional	without limits	11	18,0	-	-
PK48-25/Woda ²⁾	Woda	2x12,5	H2	1000	600	optional	without limits	11	18,0	-	-
PK48-25/OgieńTypF	Ogień Typ F	2x12,5	F	1250	600	optional	without limits	11	19,0	(R)EI30	-
PK48-25/Ogień+	Ogień Plus	2x12,5	DF	1000	600	optional	without limits	11	22,0	(R)EI30	-
PK48-25/WodaOgień+	Woda Ogień Plus	2x12,5	DFH2	1000	600	optional	without limits	11	22,0	(R)EI30	-
PK48-25/Cicha	Cicha	2x12,5	DFH1IR	1000	600	optional	without limits	11	27,0	(R)EI30	●
PK48-25/Twarda	Twarda	2x12,5	DEFH1IR	1000	600	optional	without limits	11	27,0	(R)EI30	●
PK48-25/Hydro	Hydro	2x12,5	GMFH1I	1000	600	optional	without limits	11	23,0	(R)EI30	●
PK48-27,5/Ogień+ ³⁾	Ogień Plus	1x12,5+1x15,0	DF	1250	600	optional	without limits	11	26,0	(R)EI60	-
PK48-30/Ogień+	Ogień Plus	2x15,0	DF	1000	600	optional	without limits	11	29,0	(R)EI60	-
PK48-30/Twarda	Twarda	2x15,0	DEFH1IR	1000	600	optional	without limits	11	33,0	(R)EI60	●
PK48-30/Hydro	Hydro	2x15,0	GMFH1I	1000	600	optional	without limits	11	29,0	(R)EI60	●

¹⁾ European Technical Assessment ETA 15/0301.

²⁾ 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.)

³⁾ 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 ANCHORED WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk											
		PK48-25/Expert	PK48-25/Woda	PK48-25/OgieńTypF	PK48-25/Ogień+	PK48-25/WodaOgień+	PK48-25/Cicha	PK48-25/Twarda	PK48-25/Hydro	PK48-27,5/Ogień+	PK48-30/Ogień+	PK48-30/Twarda	PK48-30/Hydro
		Consumption of material per 1m ²											
Nida Expert 12.5 mm plasterboard	m ²	2,0	-	-	-	-	-	-	-	-	-	-	-
Nida Woda 12.5 mm plasterboard	m ²	-	2,0	-	-	-	-	-	-	-	-	-	-
Nida Ogień Type F 12.5 mm plasterboard	m ²	-	-	2,0	-	-	-	-	-	-	-	-	-
Nida Ogień Plus 12.5 mm plasterboard	m ²	-	-	-	2,0	-	-	-	1,0	-	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m ²	-	-	-	-	2,0	-	-	-	-	-	-	-
Nida Cicha 12.5 mm plasterboard	m ²	-	-	-	-	-	2,0	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m ²	-	-	-	-	-	-	2,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m ²	-	-	-	-	-	-	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m ²	-	-	-	-	-	-	-	-	1,0	2,0	-	-
Nida Twarda 15.0 mm plasterboard	m ²	-	-	-	-	-	-	-	-	-	-	2,0	-
Nida Hydro 15.0 mm plasterboard	m ²	-	-	-	-	-	-	-	-	-	-	-	2,0
Nida PK48 profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Anchoring element ⁴⁾	pcs.	3,8	3,8	3,8	3,8	3,8	3,8	3,8	3,8	3,8	3,8	3,8	3,8
Nida 3.5x25 mm sheet metal screws	pcs.	4,0	4,0	4,0	4,0	4,0	-	-	-	4,0	-	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	12,0	12,0	12,0	12,0	12,0	-	-	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	12,0	12,0	-	-
FixDens 4.2x25 mm screws	pcs.	-	-	-	-	-	4,0	4,0	-	-	-	4,0	-
FixDens 4.2x42 mm screws	pcs.	-	-	-	-	-	-	12,0	12,0	-	-	-	12,0
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	4,0	-	-	-	4,0
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	12,0	-	-	12,0
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	0,6	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	0,1	-	-
Nida Hydromix ready-to-use joint filler ⁵⁾	kg	-	-	-	-	-	-	-	0,7	0,7	-	-	0,7

⁴⁾ The type of the anchoring element should be selected individually adequately for the substrate type and the total mass 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 Tynk

Fire resistance class:
(R)EI60
(R)EI120

Increase of acoustic insulation:
11 dB

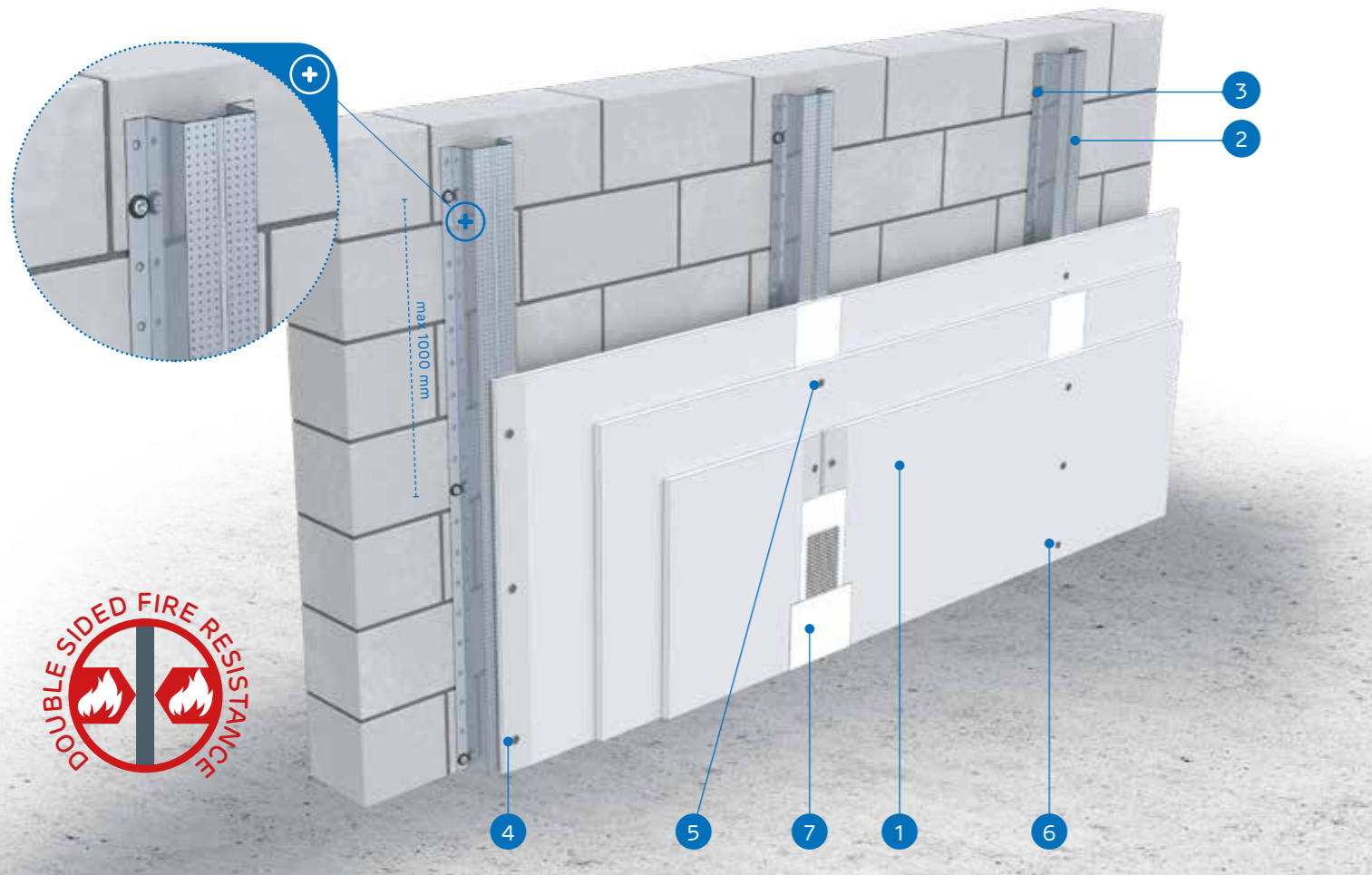
Maximum encasement height:
without limits

Weight of 1m² of encasement:
32,0-43,0 kg

Number of related document:
ETA 15/0301

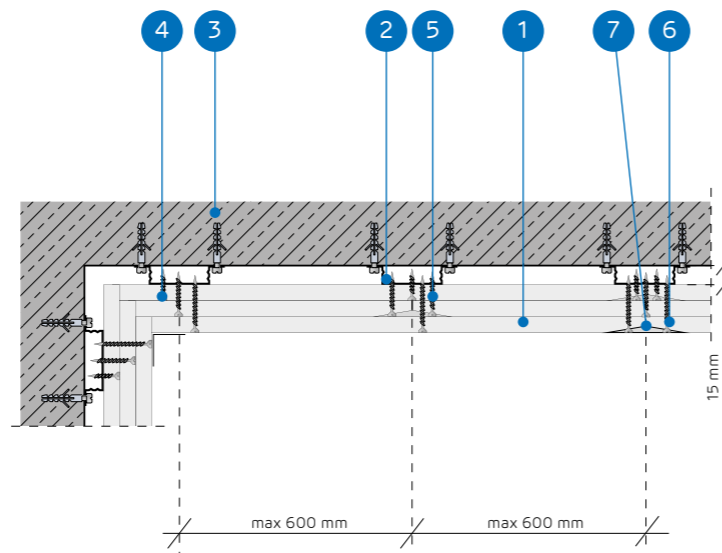
Declaration of Performance:
DoP/Fixed Lining System /0014/15.11.2016

SYSTEMS:
PK48-37,5; PK48-45



MATERIALS:

1. Nida plasterboard
2. NIDA PK48 top-hat profile
3. Anchoring element
4. Nida 3.5x25 mm sheet metal screws
5. Nida 3.5x35 mm sheet metal screws
6. Nida 3.5x55 mm sheet metal screws
7. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape



THE SYSTEM OF WALL CLADDING ANCHORED TO THE NIDA PK48 LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name ¹⁾	Sheathing of plasterboards			Load-bearing structure		Insulation material	Maximum height	Increase of acoustic insulation	Weight of 1m ² of encasement	Fire resistance class	Special system
	Nida	Thickness [mm]	Marking acc. to standard	Spacing of the anchoring element	Spacing of the Nida PK48 profiles						
				[mm]	[mm]						
PK48-37,5/Ogień+	Ogień Plus	3x12,5	DF	1000	600	optional	without limits	11	32,0	(R)EI60	-
PK48-37,5/WodaOgień+	Woda Ogień Plus	3x12,5	DFH2	1000	600	optional	without limits	11	32,0	(R)EI60	-
PK48-37,5/Cicha	Cicha	3x12,5	DFH1R	1000	600	optional	without limits	11	41,0	(R)EI60	•
PK48-37,5/Twarda	Twarda	3x12,5	DEFH1R	1000	600	optional	without limits	11	41,0	(R)EI60	•
PK48-37,5/Hydro	Hydro	3x12,5	GMFH1I	1000	600	optional	without limits	11	35,0	(R)EI60	•
PK48-45/Ogień+ ²⁾	Ogień Plus	3x15,0	DF	1000	600	optional	without limits	11	43,0	(R)EI120	-
PK48-45/WodaOgień+ ²⁾	Woda Ogień Plus	3x15,0	DFH2	1000	600	optional	without limits	11	43,0	(R)EI120	-

¹⁾ European Technical Assessment ETA 15/0301.

²⁾ Within the systems for the fire resistance (R)EI120 and 3x15.0 mm configuration replacement of board types is not possible.

CONSUMPTION OF MATERIALS PER 1M² FOR THE ANCHORED WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

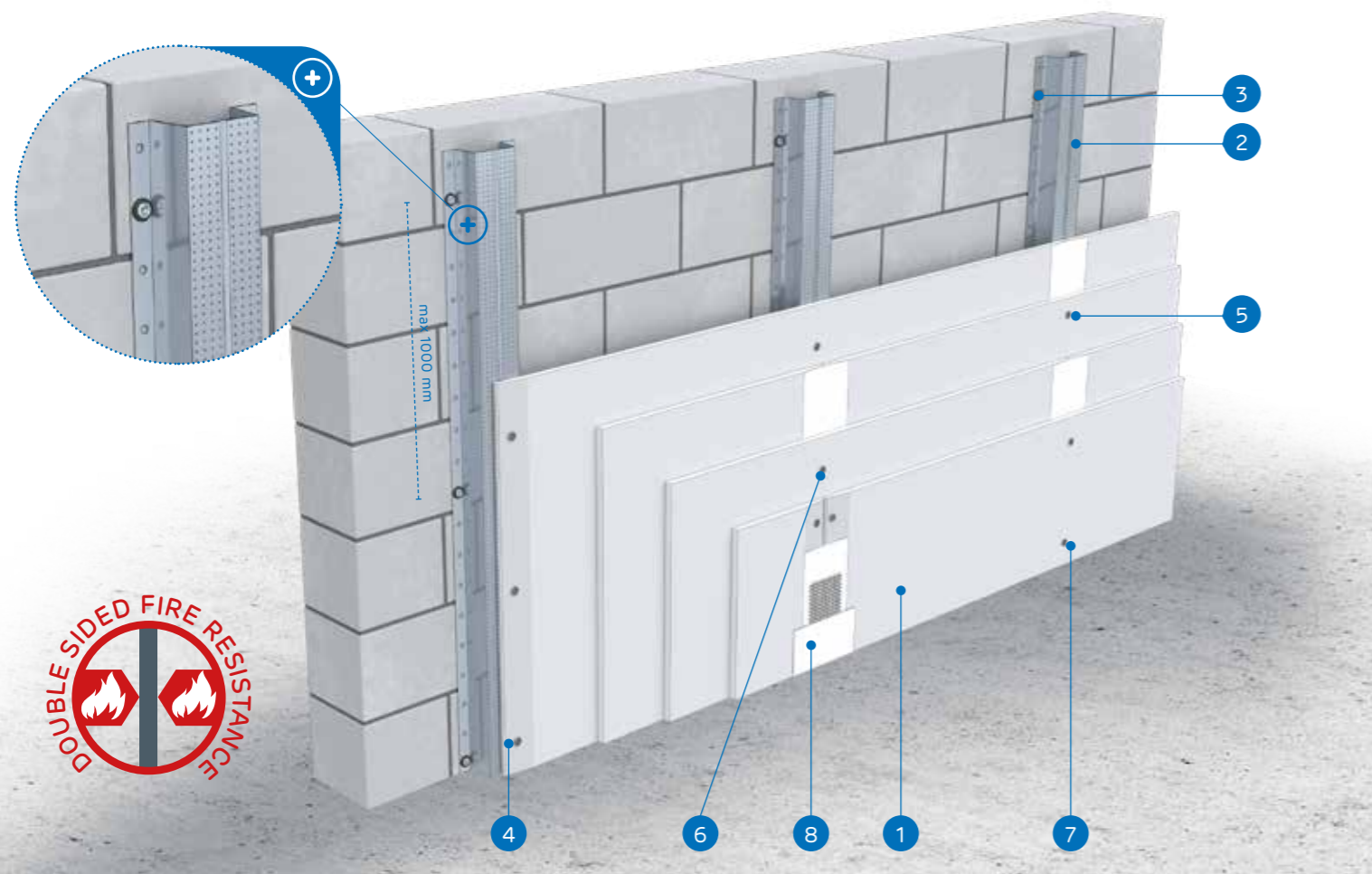
Material name	UM	System type Nida Tynk						
		PK48-37,5/Ogień+	PK48-37,5/WodaOgień+	PK48-37,5/Cicha	PK48-37,5/Twarda	PK48-37,5/Hydro	PK48-45/Ogień+	PK48-45/WodaOgień+
		Consumption of material per 1m ²						
Nida Ogień Plus 12.5 mm plasterboard	m ²	3,0	-	-	-	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m ²	-	3,0	-	-	-	-	-
Nida Cicha 12.5 mm plasterboard	m ²	-	-	3,0	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m ²	-	-	-	3,0	-	-	-
Nida Hydro 12.5 mm plasterboard	m ²	-	-	-	-	3,0	-	-
Nida Ogień Plus 15.0 mm plasterboard	m ²	-	-	-	-	-	3,0	-
Nida Woda Ogień Plus 15.0 mm plasterboard	m ²	-	-	-	-	-	-	3,0
Nida PK48 profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Anchoring element ³⁾	pcs.	3,8	3,8	3,8	3,8	3,8	3,8	3,8
Nida 3.5x25 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	4,0	4,0
Nida 3.5x35 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	4,0	4,0
Nida 3.5x55 mm sheet metal screws	pcs.	12,0	12,0	-	-	-	-	-
Nida 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	-	12,0	12,0
FixDens 4.2x25 mm screws	pcs.	-	-	4,0	4,0	-	-	-
FixDens 4.2x42 mm screws	pcs.	-	-	4,0	4,0	-	-	-
FixDens 4.2x60 mm screws	pcs.	-	-	12,0	12,0	-	-	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-
Nida Hydro C5 3.5x55 mm sheet metal screws	pcs.	-	-	-	-	12,0	-	-
Nida reinforcement tape	lm	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	-	-	0,9	0,9
Nida Finish gypsum putty	kg	0,1	0,1	0,1	-	-	0,1	0,1
Nida Hydromix ready-to-use joint filler ⁴⁾	kg	-	-	-	1,0	1,0	-	-

³⁾ The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.

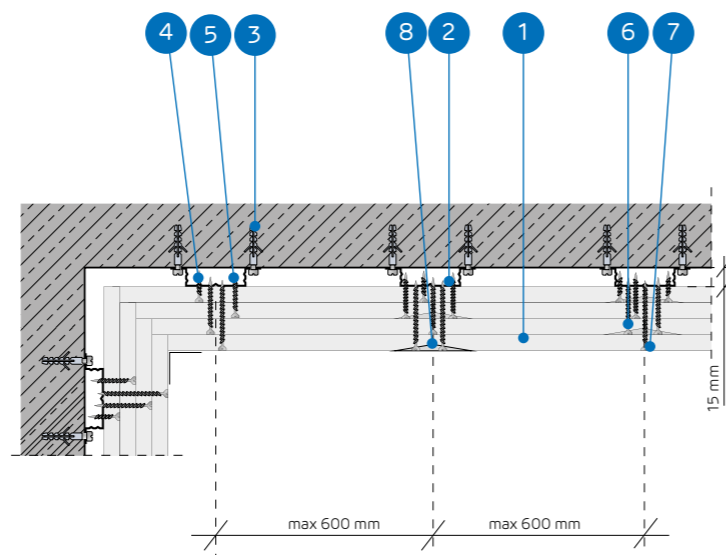
⁴⁾ For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised. The standards concerning the amount of utilised material do not cover the loss of the material.

nida TynkFire resistance class:
(R)EI90
(R)EI120Increase of acoustic insulation:
11 dBMaximum encasement height:
without limitsWeight of 1m² of encasement:
42,0-64,0 kgNumber of related document:
ETA 15/0301Declaration of Performance:
DoP/Fixed Lining System /0014/15.11.2016

SYSTEMS:

PK48-50; PK48-55; PK48-60**MATERIALS:**

- Nida plasterboard
- NIDA PK48 top-hat profile
- Anchoring element
- Nida 3.5x25 mm sheet metal screws
- Nida 3.5x35 mm sheet metal screws
- Nida 3.5x55 mm sheet metal screws
- Nida 4.2x70 mm sheet metal screws
- The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape

**THE SYSTEM OF WALL CLADDING ANCHORED TO THE NIDA PK48 LOAD-BEARING STRUCTURE****TECHNICAL PARAMETERS**

Nida Tynk system name ¹⁾	Sheathing of plasterboards			Load-bearing structure		Insulation material	Maximum height	Increase of acoustic insulation	Weight of 1m ² of encasement	Fire resistance class	Special system
	Nida	Thickness [mm]	Marking acc. to standard	Spacing of the anchoring element	Spacing of the Nida PK48 profiles						
				[mm]	[mm]						
PK48-50/Ogień+	Ogień Plus	4x12,5	DF	1000	600	optional	without limits	11	42,0	(R)EI90	-
PK48-50/WodaOgień+	Woda Ogień Plus	4x12,5	DFH2	1000	600	optional	without limits	11	42,0	(R)EI90	-
PK48-50/Cicha	Cicha	4x12,5	DFH1IR	1000	600	optional	without limits	11	54,0	(R)EI90	•
PK48-50/Twarda	Twarda	4x12,5	DEFH1IR	1000	600	optional	without limits	11	54,0	(R)EI90	•
PK48-50/Hydro	Hydro	4x12,5	GMFH1I	1000	600	optional	without limits	11	46,0	(R)EI90	•
PK48-55/Ogień+	Ogień Plus	2x12,5+2x15,0	DF	1000	600	optional	without limits	11	50,0	(R)EI120	-
PK48-55/Twarda	Twarda	2x12,5+2x15,0	DEFH1IR	1000	600	optional	without limits	11	59,0	(R)EI120	•
PK48-55/Hydro	Hydro	2x12,5+2x15,0	GMFH1I	1000	600	optional	without limits	11	51,0	(R)EI120	•
PK48-60/Ogień+	Ogień Plus	4x15,0	DF	1000	600	optional	without limits	11	56,0	(R)EI120	-
PK48-60/Twarda	Twarda	4x15,0	DEFH1IR	1000	600	optional	without limits	11	64,0	(R)EI120	•
PK48-60/Hydro	Hydro	4x15,0	GMFH1I	1000	600	optional	without limits	11	56,0	(R)EI120	•

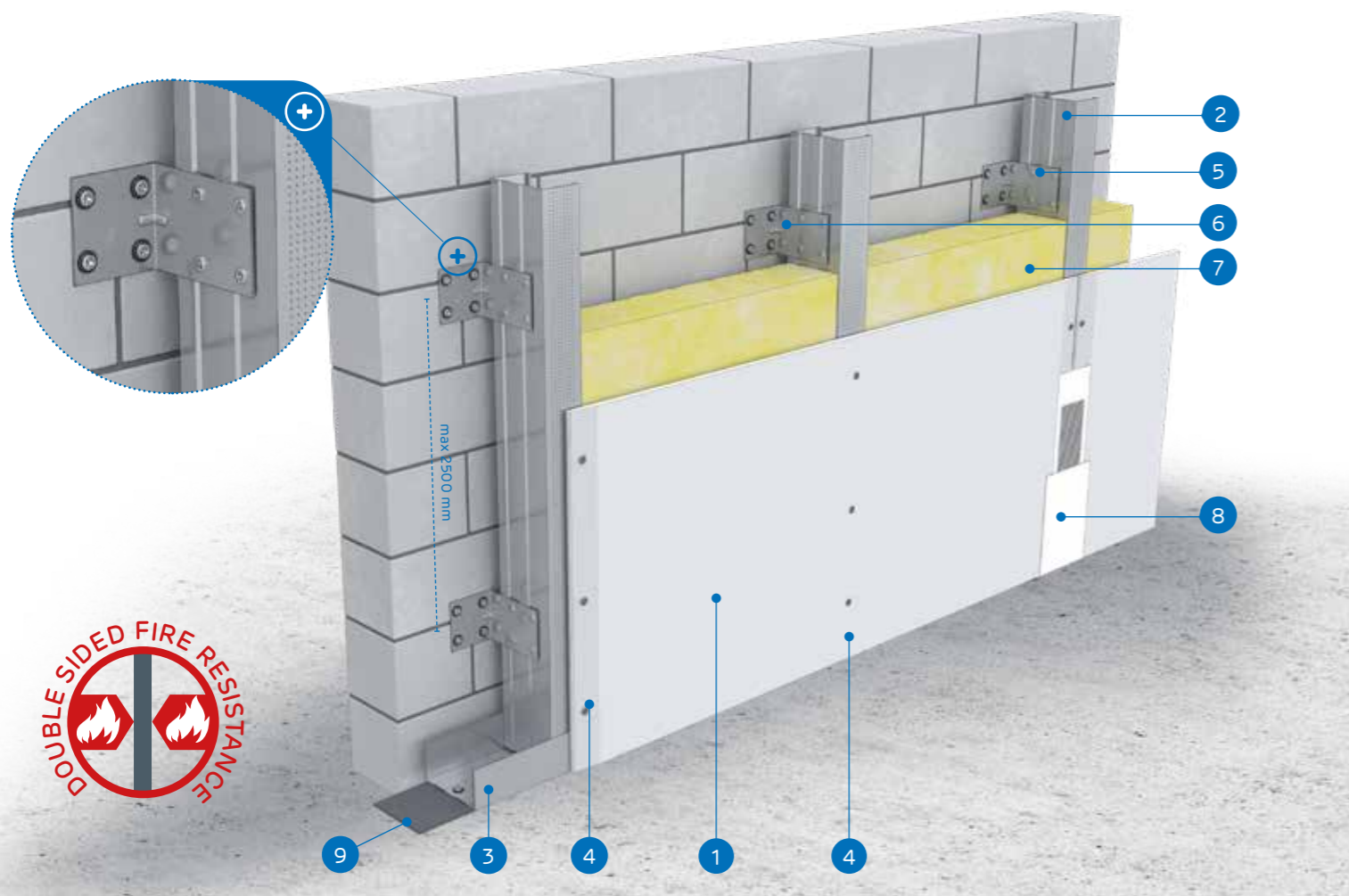
¹⁾ European Technical Assessment ETA 15/0301.**CONSUMPTION OF MATERIALS PER 1M² FOR THE ANCHORED WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM**

Material name	UM	System type Nida Tynk										
		PK48-50/Ogień+	PK48-50/WodaOgień+	PK48-50/Cicha	PK48-50/Twarda	PK48-50/Hydro	PK48-55/Ogień+	PK48-55/Twarda	PK48-55/Hydro	PK48-60/Ogień+	PK48-60/Twarda	PK48-60/Hydro
		Consumption of material per 1m ²										
Nida Ogień Plus 12.5 mm plasterboard	m ²	4,0	-	-	-	-	2,0	-	-	-	-	
Nida Woda Ogień Plus 12.5 mm plasterboard	m ²	-	4,0	-	-	-	-	-	-	-	-	
Nida Cicha 12.5 mm plasterboard	m ²	-	-	4,0	-	-	-	-	-	-	-	
Nida Twarda 12.5 mm plasterboard	m ²	-	-	-	4,0	-	2,0	-	-	-	-	
Nida Hydro 12.5 mm plasterboard	m ²	-	-	-	-	4,0	-	2,0	-	-	-	
Nida Ogień Plus 15.0 mm plasterboard	m ²	-	-	-	-	-	2,0	-	4,0	-	-	
Nida Twarda 15.0 mm plasterboard	m ²	-	-	-	-	-	-	2,0	-	4,0	-	
Nida Hydro 15.0 mm plasterboard	m ²	-	-	-	-	-	-	2,0	-	-	4,0	
Nida PK48 profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	
Anchoring element ²⁾	pcs.	3,8	3,8	3,8	3,8	3,8	3,8	3,8	3,8	3,8	3,8	
Nida 3.5x25 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	4,0	-	4,0	-	-	
Nida 3.5x35 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	-	-	-	-	-	
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	4,0	-	4,0	-	-	
Nida 3.5x55 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	4,0	-	4,0	-	-	
Nida 4.2x70 mm sheet metal screws	pcs.	12,0	12,0	-	-	-	12,0	-	12,0	-	-	
FixDens 4.2x25 mm screws	pcs.	-	-	4,0	4,0	-	-	4,0	-	4,0	-	
FixDens 4.2x42 mm screws	pcs.	-	-	4,0	4,0	-	-	4,0	-	4,0	-	
FixDens 4.2x60 mm screws	pcs.	-	-	4,0	4,0	-	-	4,0	-	4,0	-	
FixDens 4.5x80 mm screws	pcs.	-	-	12,0	12,0	-	-	12,0	-	12,0	-	
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	4,0	-	-	4,0	
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	4,0	-	-	4,0	
Nida Hydro C5 3.5x55 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	4,0	-	-	4,0	
Nida Hydro C5 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	12,0	-	12,0	-	-	12,0	
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	1,2	1,2	1,2	-	-	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 ³⁾	kg	-	-	-	-	1,3	-	1,3	-	1,3	1,3	

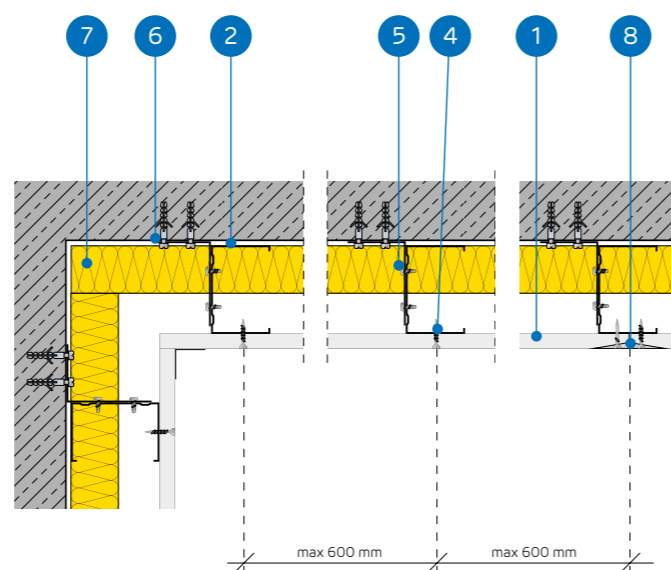
²⁾ The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.³⁾ For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised. The standards concerning the amount of utilised material do not cover the loss of the material.

nida TynkFire resistance class:
**(R)E115
(R)E130**Increase of acoustic insulation:
11 dBMaximum encasement height:
10000 mmWeight of 1m² of encasement:
11,0-17,0 kgNumber of related document:
ETA 15/0301Declaration of Performance:
DoP/Fixed Lining System /0018/15.11.2016

SYSTEMS:

C100/L-12,5; C100/L-18**MATERIALS:**

- Nida plasterboard
- Nida C100 profile
- Nida U100 profile
- Nida 3.5x25 mm sheet metal screws
- FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal
- Nida steel angle profile
- Insulation material mineral wool (optional)
- The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
- Self-adhesive tape with lead

**THE SYSTEM OF WALL CLADDING ANCHORED TO THE NIDA C100 LOAD-BEARING STRUCTURE****TECHNICAL PARAMETERS**

Nida Tynk system name ¹⁾	Sheathing of plasterboards			Load-bearing structure		Insulation material	Maximum height	Increase of acoustic insulation	Weight of 1m ² of encasement	Fire resistance class	Special system
				Spacing of the steel angle profiles ²⁾	Spacing of the Nida C100 profiles						
	Nida	Thickness [mm]	Marking acc. to standard	[mm]	[mm]	[mm]	[mm]	ΔRw max [dB]	[kg]	[min]	
C100/L-12,5/Expert	Expert	12,5	A	2500	600	optional	10000	11	11,0	-	-
C100/L-12,5/Woda ³⁾	Woda	12,5	H2	2500	600	optional	10000	11	11,0	-	-
C100/L-12,5/Ogień+	Ogień Plus	12,5	DF	2500	600	optional	10000	11	13,0	(R)E115	-
C100/L-12,5/WodaOgień+	Woda Ogień Plus	12,5	DFH2	2500	600	optional	10000	11	13,0	(R)E115	-
C100/L-12,5/Cicha	Cicha	12,5	DFH1IR	2500	600	optional	10000	11	16,0	(R)E115	•
C100/L-12,5/Twarda	Twarda	12,5	DEFH1IR	2500	600	optional	10000	11	16,0	(R)E115	•
C100/L-12,5/Hydro	Hydro	12,5	GMFH1I	2500	600	optional	10000	11	14,0	(R)E115	•
C100/L-18/Ogień+	Ogień Plus	18,0	DF	2500	600	optional	10000	11	17,0	(R)E130	-

¹⁾ European Technical Assessment ETA 15/0301.²⁾ In order to achieve higher acoustic insulation parameters the PHONI SL with a single angle arm acoustic connector should be utilised.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 ANCHORED WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM**

Material name	UM	System type Nida Tynk							
		C100/L-12,5/Expert	C100/L-12,5/Woda	C100/L-12,5/Ogień+	C100/L-12,5/WodaOgień+	C100/L-12,5/Cicha	C100/L-12,5/Twarda	C100/L-12,5/Hydro	C100/L-18/Ogień+
		Consumption of material per 1m ²							
Nida Expert 12.5 mm plasterboard	m ²	1,0	-	-	-	-	-	-	-
Nida Woda 12.5 mm plasterboard	m ²	-	1,0	-	-	-	-	-	-
Nida Ogień Plus 12.5 mm plasterboard	m ²	-	-	1,0	-	-	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m ²	-	-	-	1,0	-	-	-	-
Nida Cicha 12.5 mm plasterboard	m ²	-	-	-	-	1,0	-	-	-
Nida Twarda 12.5 mm plasterboard	m ²	-	-	-	-	-	1,0	-	-
Nida Hydro 12.5 mm plasterboard	m ²	-	-	-	-	-	-	1,0	-
Nida Ogień Plus 18.0 mm plasterboard	m ²	-	-	-	-	-	-	-	1,0
Nida C100 profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida U100 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida angle profile for UA100 profile	pcs.	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8
Anchoring element ⁴⁾	pcs.	5,4	5,4	5,4	5,4	5,4	5,4	5,4	5,4
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0
Nida 3.5x25 mm sheet metal screws	pcs.	12,0	12,0	12,0	12,0	-	-	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	12,0
FixDens 4.2x25 mm screws	pcs.	-	-	-	-	12,0	12,0	-	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	-	12,0	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
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 ⁵⁾	kg	-	-	-	-	-	0,4	0,4	-
Mineral wool ⁶⁾	m ²	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 substrate type and the total mass 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 Tynk

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

Increase of acoustic insulation:
11 dB

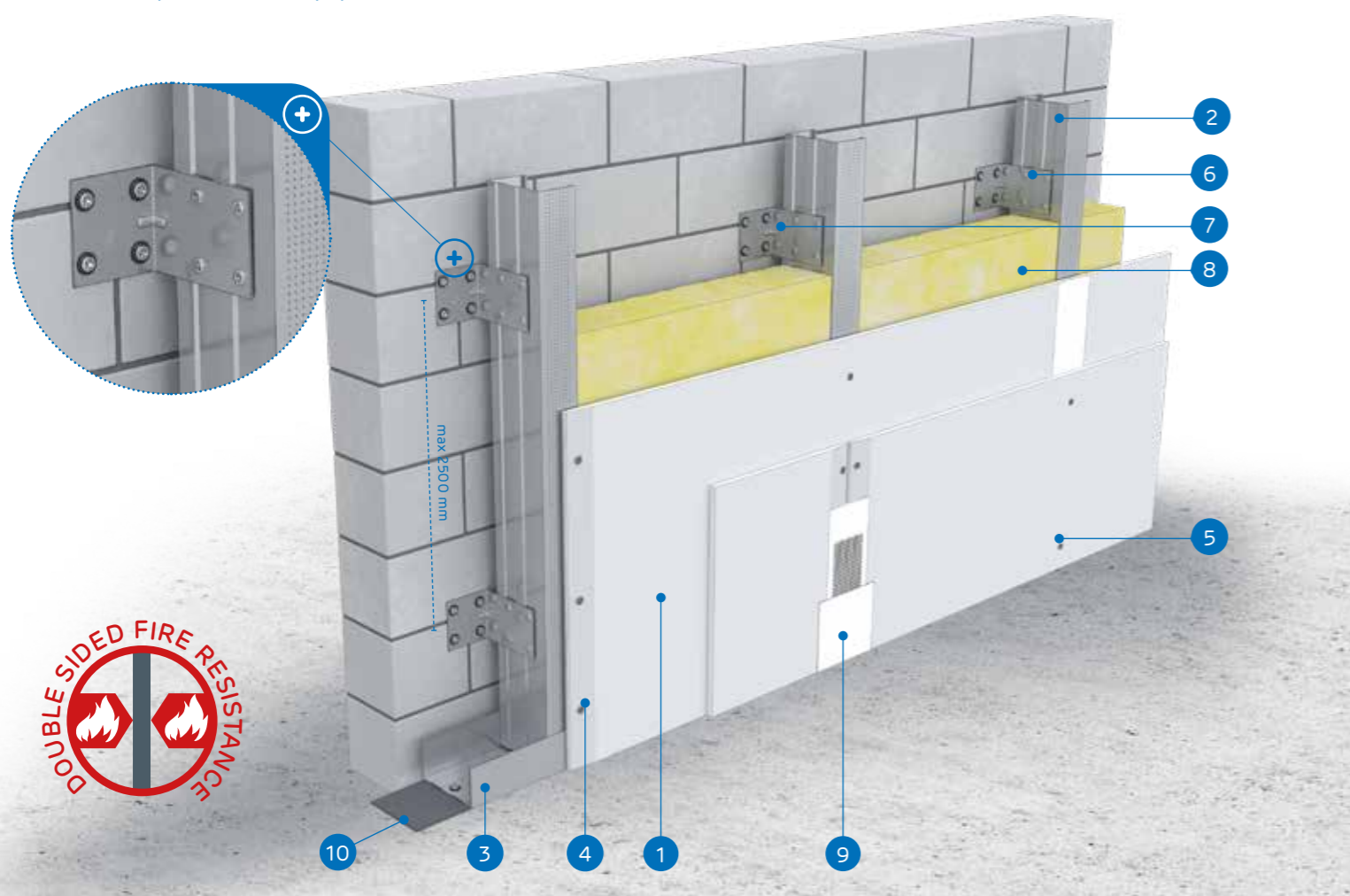
Maximum encasement height:
10000 mm

Weight of 1m² of encasement:
20,0-34,0 kg

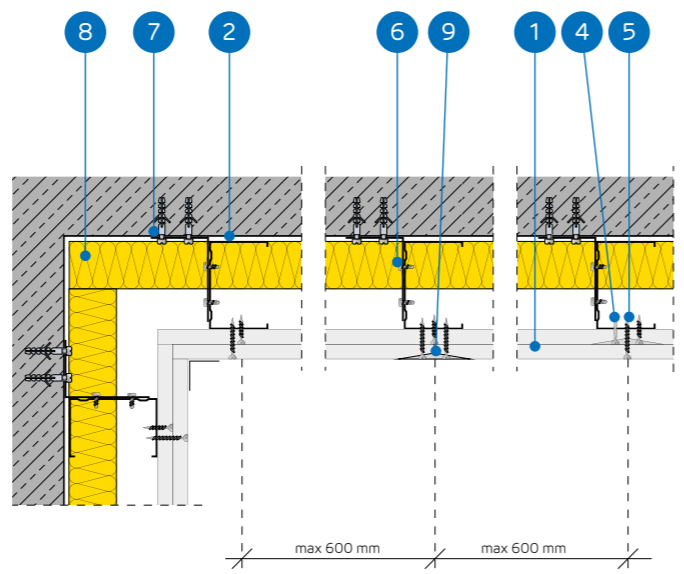
Number of related document:
ETA 15/0301

Declaration of Performance:
DoP/Fixed Lining System /0018/15.11.2016

SYSTEMS:
C100/L-25; C100/L-27,5; C100/L-30



- MATERIALS:**
- Nida plasterboard
 - Nida C100 profile
 - Nida U100 profile
 - Nida 3.5x25 mm sheet metal screws
 - Nida 3.5x35 mm sheet metal screws
 - FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal
 - Nida steel angle profile
 - Insulation material mineral wool (optional)
 - The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
 - Self-adhesive tape with lead



THE SYSTEM OF WALL CLADDING ANCHORED TO THE NIDA C100 LOAD-BEARING STRUCTURE

Nida Tynk system name ¹⁾	Sheathing of plasterboards			Load-bearing structure		Insulation material	Maximum height	Increase of acoustic insulation	Weight of 1m ² of encasement	Fire resistance class	Special system
	Nida	Thickness [mm]	Marking acc. to standard	Spacing of the steel angle profiles ²⁾ [mm]	Spacing of the Nida C100 profiles [mm]						
C100/L-25/Expert	Expert	2x12,5	A	2500	600	optional	10000	11	20,0	-	-
C100/L-25/Woda ³⁾	Woda	2x12,5	H2	2500	600	optional	10000	11	20,0	-	-
C100/L-25/OgieńTypF	Ogień Typ F	2x12,5	F	2500	600	optional	10000	11	20,0	(R)EI30	-
C100/L-25/Ogień+	Ogień Plus	2x12,5	DF	2500	600	optional	10000	11	24,0	(R)EI30	-
C100/L-25/WodaOgień+	Woda Ogień Plus	2x12,5	DFH2	2500	600	optional	10000	11	24,0	(R)EI30	-
C100/L-25/Cicha ⁴⁾	Cicha	2x12,5	DFH1IR	2500	600	optional	10000	11	29,0	(R)EI30	●
C100/L-25/Twarda	Twarda	2x12,5	DEFH1IR	2500	600	optional	10000	11	29,0	(R)EI30	●
C100/L-25/Hydro	Hydro	2x12,5	GMFH1I	2500	600	optional	10000	11	25,0	(R)EI30	●
C100/L-27,5/Ogień+ ⁴⁾	Ogień Plus	1x12,5+1x15,0	DF	2500	600	optional	10000	11	27,0	(R)EI60	-
C100/L-30/Ogień+	Ogień Plus	2x15,0	DF	2500	600	optional	10000	11	31,0	(R)EI60	-
C100/L-30/Twarda	Twarda	2x15,0	DEFH1IR	2500	600	optional	10000	11	34,0	(R)EI60	●
C100/L-30/Hydro	Hydro	2x15,0	GMFH1I	2500	600	optional	10000	11	31,0	(R)EI60	●

¹⁾ European Technical Assessment ETA 15/0301.
²⁾ In order to achieve higher acoustic insulation parameters the PHONI SL with a single angle arm acoustic connector should be utilised.
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.)
⁴⁾ 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 ANCHORED WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk										
		C100/L-25/Expert	C100/L-25/Woda	C100/L-25/OgieńTypF	C100/L-25/Ogień+	C100/L-25/WodaOgień+	C100/L-25/Cicha	C100/L-25/Twarda	C100/L-25/Hydro	C100/L-27,5/Ogień+	C100/L-30/Ogień+	C100/L-30/Twarda
Consumption of material per 1m ²												
Nida Expert 12.5 mm plasterboard	m ²	2,0	-	-	-	-	-	-	-	-	-	-
Nida Woda 12.5 mm plasterboard	m ²	-	2,0	-	-	-	-	-	-	-	-	-
Nida Ogień Type F 12.5 mm plasterboard	m ²	-	-	2,0	-	-	-	-	-	-	-	-
Nida Ogień Plus 12.5 mm plasterboard	m ²	-	-	-	2,0	-	-	-	1,0	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m ²	-	-	-	-	2,0	-	-	-	-	-	-
Nida Cicha 12.5 mm plasterboard	m ²	-	-	-	-	-	2,0	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m ²	-	-	-	-	-	-	2,0	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m ²	-	-	-	-	-	-	-	2,0	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m ²	-	-	-	-	-	-	-	-	1,0	2,0	-
Nida Twarda 15.0 mm plasterboard	m ²	-	-	-	-	-	-	-	-	-	-	2,0
Nida Hydro 15.0 mm plasterboard	m ²	-	-	-	-	-	-	-	-	-	-	2,0
Nida C100 profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida U100 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida angle profile for UA100 profile	pcs.	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8
Anchoring element ⁵⁾	pcs.	5,4	5,4	5,4	5,4	5,4	5,4	5,4	5,4	5,4	5,4	5,4
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0
Nida 3.5x25 mm sheet metal screws	pcs.	4,0	4,0	4,0	4,0	4,0	-	-	4,0	4,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	12,0	12,0	12,0	12,0	12,0	-	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	12,0	12,0	-
FixDens 4.2x25 mm screws	pcs.	-	-	-	-	-	4,0	4,0	-	-	4,0	-
FixDens 4.2x42 mm screws	pcs.	-	-	-	-	-	-	12,0	-	-	-	12,0
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	4,0	-	-	4,0
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	12,0	-	12,0
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
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida Start gypsum putty	kg	0,6	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	0,1	-
Nida Hydromix ready-to-use joint filler ⁶⁾	kg	-	-	-	-	-	-	0,7	0,7	-	-	0,7
Mineral wool ⁷⁾	m ²	1,0	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 substrate type and the total mass 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 Tynk



Fire resistance class:
**(R)EI60
(R)EI120**



Increase of acoustic insulation:
11 dB



Maximum encasement height:
10000 mm



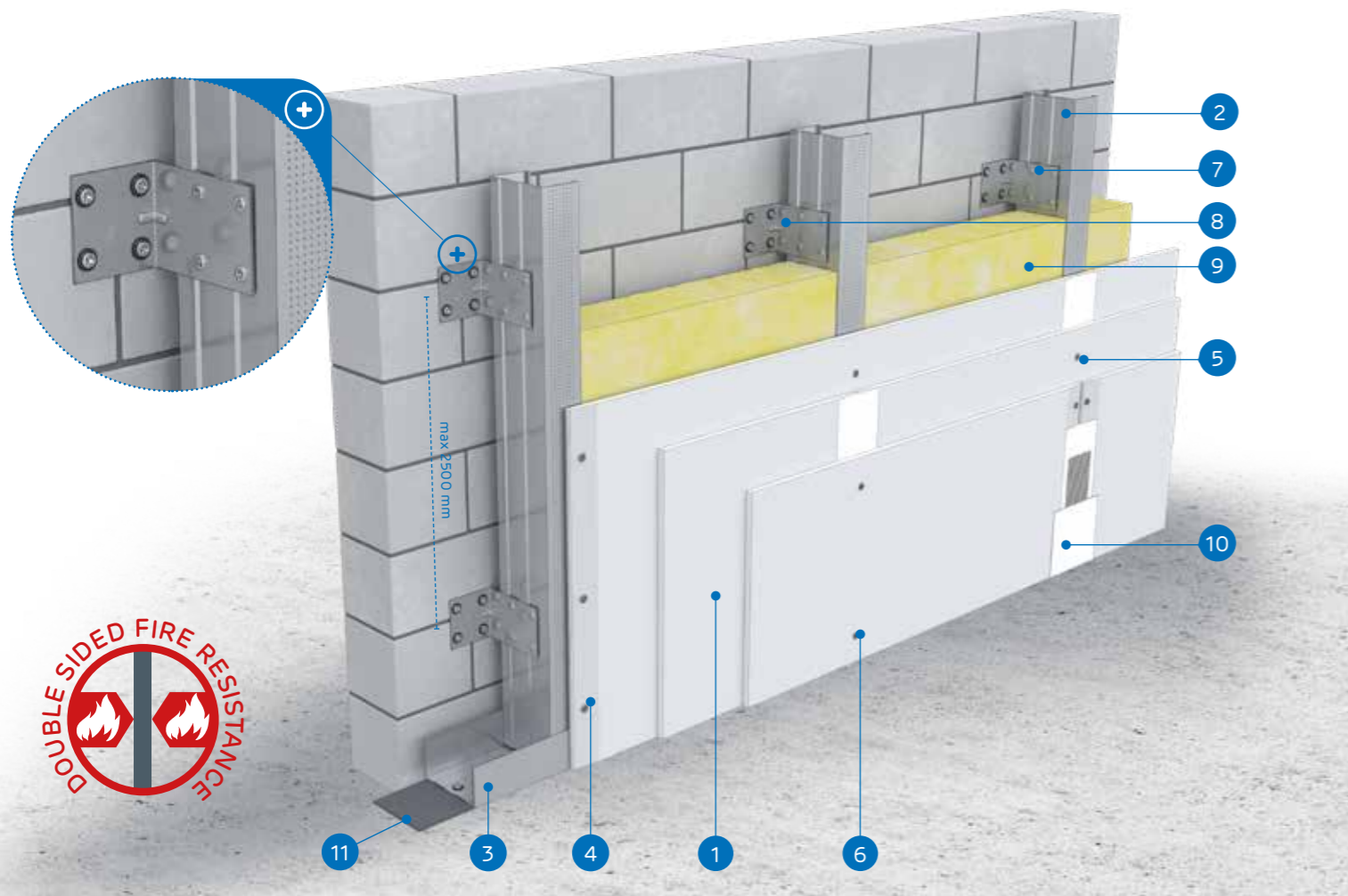
Weight of 1m² of encasement:
34,0-44,0 kg



Number of related document:
ETA 15/0301

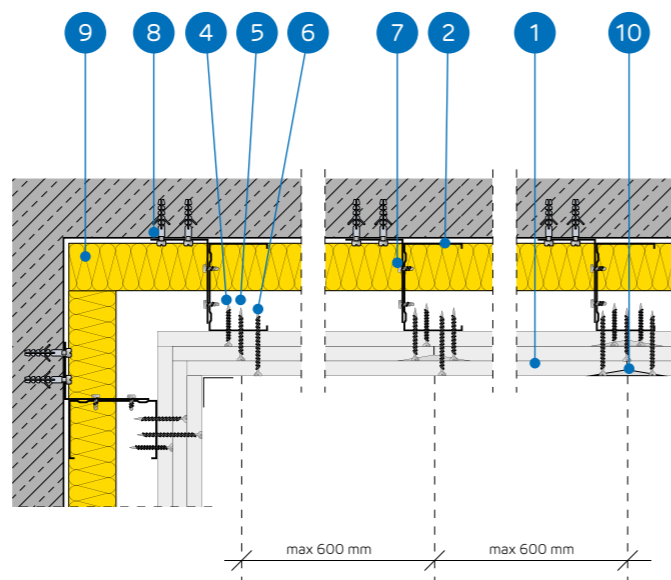
Declaration of Performance:
DoP/Fixed Lining System /0018/15.11.2016

SYSTEMS:
C100/L-37,5; C100/L-45



MATERIALS:

1. Nida plasterboard
2. Nida C100 profile
3. Nida U100 profile
4. Nida 3.5x25 mm sheet metal screws
5. Nida 3.5x35 mm sheet metal screws
6. Nida 3.5x55 mm sheet metal screws
7. FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal
8. Nida steel angle profile
9. Insulation material mineral wool (optional)
10. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
11. Self-adhesive tape with lead



THE SYSTEM OF WALL CLADDING ANCHORED TO THE NIDA C100 LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name ¹⁾	Sheathing of plasterboards			Load-bearing structure		Insulation material	Maximum height	Increase of acoustic insulation	Weight of 1m² of encasement	Fire resistance class	Special system
				Spacing of the steel angle profiles ²⁾	Spacing of the Nida C100 profiles						
	Nida	Thickness [mm]	Marking acc. to standard	[mm]	[mm]	[mm]	[mm]	ΔRw max [dB]	[kg]	[min]	
C100/L-37,5/Ogień+	Ogień Plus	3x12,5	DF	2500	600	optional	10000	11	34,0	(R)EI60	-
C100/L-37,5/WodaOgień+	Woda Ogień Plus	3x12,5	DFH2	2500	600	optional	10000	11	34,0	(R)EI60	-
C100/L-37,5/Cicha	Cicha	3x12,5	DFH1IR	2500	600	optional	10000	11	42,0	(R)EI60	•
C100/L-37,5/Twarda	Twarda	3x12,5	DEFH1IR	2500	600	optional	10000	11	42,0	(R)EI60	•
C100/L-37,5/Hydro	Hydro	3x12,5	GMFH1I	2500	600	optional	10000	11	36,0	(R)EI60	•
C100/L-45/Ogień+ ³⁾	Ogień Plus	3x15,0	DF	2500	600	optional	10000	11	44,0	(R)EI120	-
C100/L-45/WodaOgień+ ³⁾	Woda Ogień Plus	3x15,0	DFH2	2500	600	optional	10000	11	44,0	(R)EI120	-

¹⁾ European Technical Assessment ETA 15/0301.

²⁾ In order to achieve higher acoustic insulation parameters the PHONI SL with a single angle arm acoustic connector should be utilised.

³⁾ Within the systems for the fire resistance (R)EI120 and 3x15.0 mm configuration replacement of board types is not possible.

CONSUMPTION OF MATERIALS PER 1M² FOR THE ANCHORED WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk						
		C100/L-37,5/Ogień+	C100/L-37,5/WodaOgień+	C100/L-37,5/Cicha	C100/L-37,5/Twarda	C100/L-37,5/Hydro	C100/L-45/Ogień+	C100/L-45/WodaOgień+
Consumption of material per 1m²								
Nida Ogień Plus 12.5 mm plasterboard	m²	3,0	-	-	-	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	3,0	-	-	-	-	-
Nida Cicha 12.5 mm plasterboard	m²	-	-	3,0	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	-	3,0	-	-	-
Nida Hydro 12.5 mm plasterboard	m²	-	-	-	-	3,0	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	3,0	-
Nida Woda Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	3,0
Nida C100 profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida U100 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida angle profile for UA100 profile	pcs.	0,8	0,8	0,8	0,8	0,8	0,8	0,8
Anchoring element ³⁾	pcs.	5,4	5,4	5,4	5,4	5,4	5,4	5,4
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	3,0	3,0	3,0	3,0	3,0	3,0	3,0
Nida 3.5x25 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	4,0	4,0
Nida 3.5x35 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	4,0	4,0
Nida 3.5x55 mm sheet metal screws	pcs.	12,0	12,0	-	-	-	-	-
Nida 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	-	12,0	12,0
FixDens 4.2x25 mm screws	pcs.	-	-	4,0	4,0	-	-	-
FixDens 4.2x42 mm screws	pcs.	-	-	4,0	4,0	-	-	-
FixDens 4.2x60 mm screws	pcs.	-	-	12,0	12,0	-	-	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-
Nida Hydro C5 3.5x55 mm sheet metal screws	pcs.	-	-	-	-	12,0	-	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida Start gypsum putty	kg	0,9	0,9	0,9	-	-	0,9	0,9
Nida Finish gypsum putty	kg	0,1	0,1	0,1	-	-	0,1	0,1
Nida Hydromix ready-to-use joint filler ⁴⁾	kg	-	-	-	1,0	1,0	-	-
Mineral wool ⁵⁾	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0

³⁾ The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.

⁴⁾ For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.

⁵⁾ Application acc. to the requirements

The standards concerning the amount of utilised material do not cover the loss of the material.

nida Tynk



Fire resistance class:
**(R)EI90
(R)EI120**



Increase of acoustic insulation:
11 dB



Maximum encasement height:
10000 mm



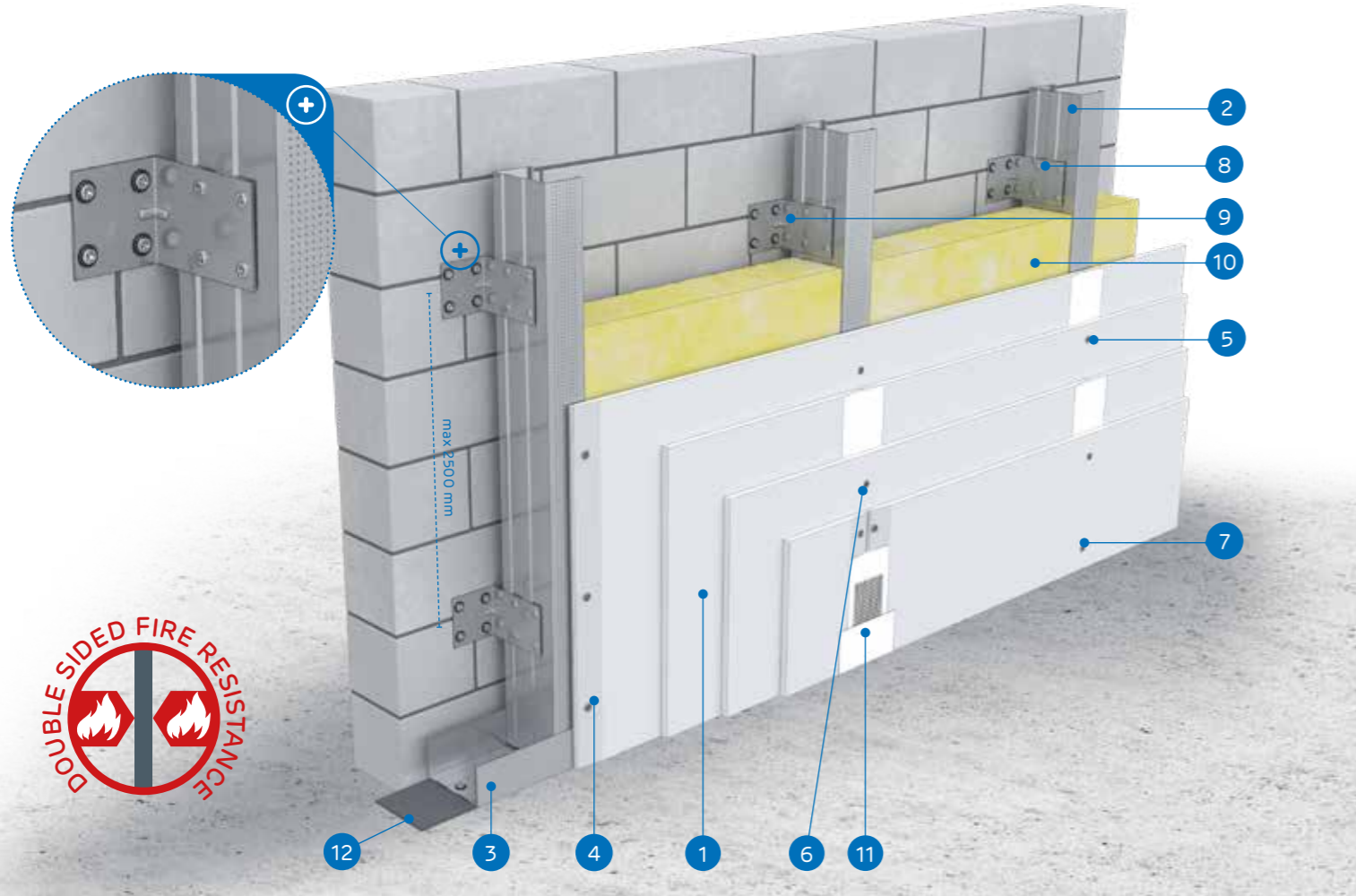
Weight of 1m² of encasement:
44,0-66,0 kg



Number of related document:
ETA 15/0301

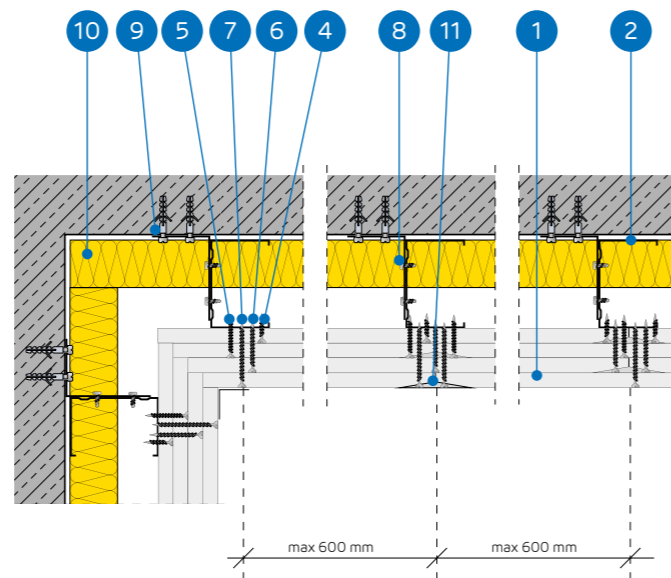
Declaration of Performance:
DoP/Fixed Lining System /0018/15.11.2016

SYSTEMS:
C100/L-50; C100/L-55; C100/L-60



MATERIALS:

1. Nida plasterboard
2. Nida C100 profile
3. Nida U100 profile
4. Nida 3.5x25 mm sheet metal screws
5. Nida 3.5x35 mm sheet metal screws
6. Nida 3.5x55 mm sheet metal screws
7. Nida 4.2x70 mm sheet metal screws
8. FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal
9. Nida steel angle profile
10. Insulation material mineral wool (optional)
11. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
12. Self-adhesive tape with lead



THE SYSTEM OF WALL CLADDING ANCHORED TO THE NIDA C100 LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name ¹⁾	Sheathing of plasterboards			Load-bearing structure		Insulation material	Maximum height	Increase of acoustic insulation	Weight of 1m² of encasement	Fire resistance class	Special system
	Nida	Thickness [mm]	Marking acc. to standard	Spacing of the steel angle profiles ²⁾ [mm]	Spacing of the Nida C100 profiles [mm]						
C100/L-50/Ogień+	Ogień Plus	4x12,5	DF	2500	600	optional	10000	11	44,0	(R)EI90	-
C100/L-50/WodaOgień+	Woda Ogień Plus	4x12,5	DFH2	2500	600	optional	10000	11	44,0	(R)EI90	-
C100/L-50/Cicha	Cicha	4x12,5	DFH1IR	2500	600	optional	10000	11	55,0	(R)EI90	•
C100/L-50/Twarda	Twarda	4x12,5	DEFH1IR	2500	600	optional	10000	11	55,0	(R)EI90	•
C100/L-50/Hydro	Hydro	4x12,5	GMFH1I	2500	600	optional	10000	11	47,0	(R)EI90	•
C100/L-55/Ogień+	Ogień Plus	2x12,5+2x15,0	DF	2500	600	optional	10000	11	52,0	(R)EI120	-
C100/L-55/Twarda	Twarda	2x12,5+2x15,0	DEFH1IR	2500	600	optional	10000	11	61,0	(R)EI120	•
C100/L-55/Hydro	Hydro	2x12,5+2x15,0	GMFH1I	2500	600	optional	10000	11	53,0	(R)EI120	•
C100/L-60/Ogień+	Ogień Plus	4x15,0	DF	2500	600	optional	10000	11	58,0	(R)EI120	-
C100/L-60/Twarda	Twarda	4x15,0	DEFH1IR	2500	600	optional	10000	11	66,0	(R)EI120	•
C100/L-60/Hydro	Hydro	4x15,0	GMFH1I	2500	600	optional	10000	11	58,0	(R)EI120	•

¹⁾ European Technical Assessment ETA 15/0301.

²⁾ In order to achieve higher acoustic insulation parameters the PHONI SL with a single angle arm acoustic connector should be utilised.

³⁾ Within the systems for the fire resistance (R)EI120 and 3x15.0 mm configuration replacement of board types is not possible.

CONSUMPTION OF MATERIALS PER 1M² FOR THE ANCHORED WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

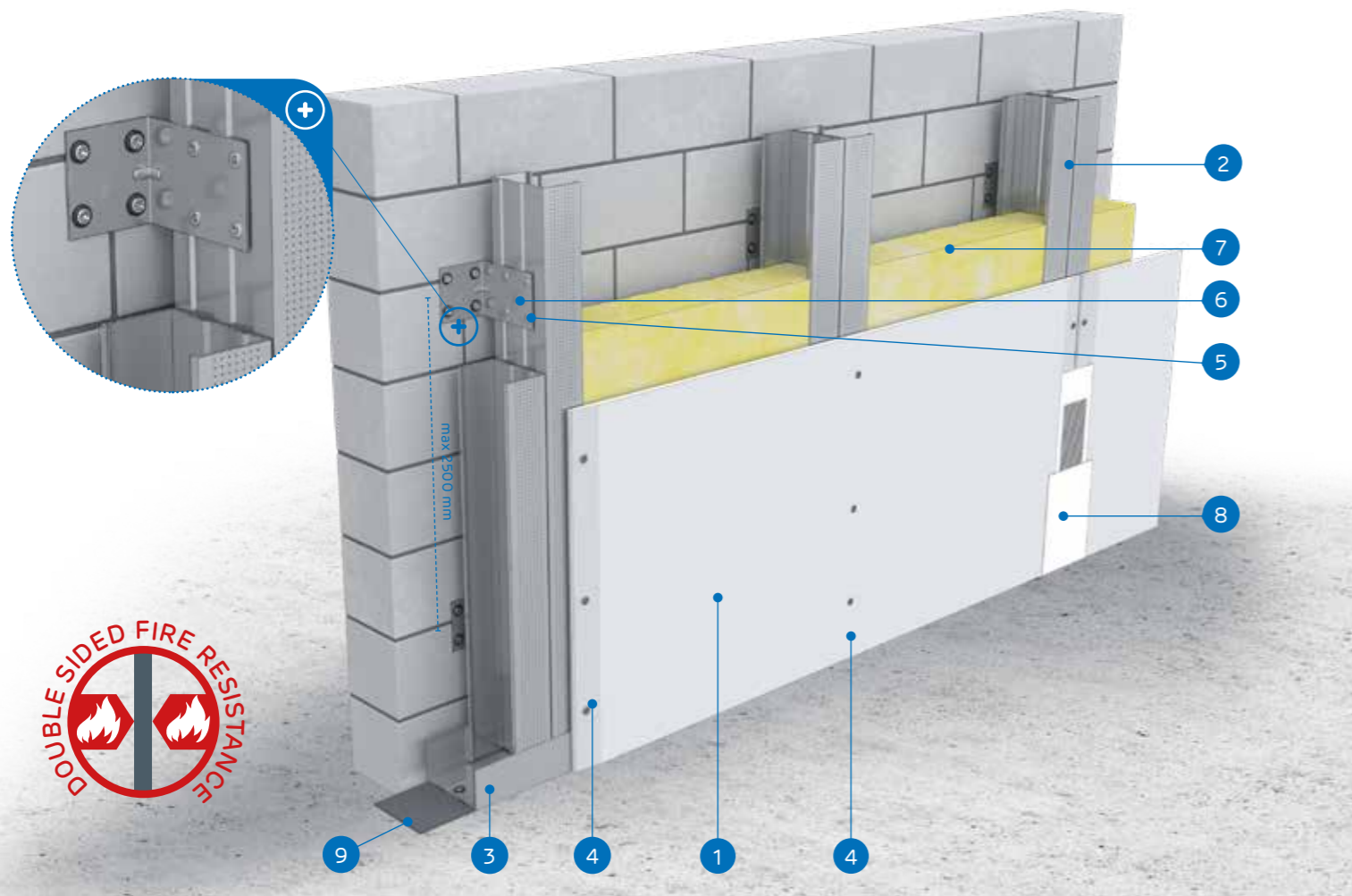
Material name	UM	System type Nida Tynk										
		C100/L-50/Ogień+	C100/L-50/WodaOgień+	C100/L-50/Cicha	C100/L-50/Twarda	C100/L-50/Hydro	C100/L-55/Ogień+	C100/L-55/Twarda	C100/L-55/Hydro	C100/L-60/Ogień+	C100/L-60/Twarda	C100/L-60/Hydro
		Consumption of material per 1m²										
Nida Ogień Plus 12.5 mm plasterboard	m²	4,0	-	-	-	-	2,0	-	-	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	4,0	-	-	-	-	-	-	-	-	-
Nida Cicha 12.5 mm plasterboard	m²	-	-	4,0	-	-	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	-	4,0	-	-	2,0	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m²	-	-	-	-	4,0	-	-	2,0	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	2,0	-	-	4,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	2,0	-	-	4,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	2,0	-	-	4,0
Nida C100 profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida U100 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida angle profile for UA100 profile	pcs.	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8
Anchoring element ⁴⁾	pcs.	5,4	5,4	5,4	5,4	5,4	5,4	5,4	5,4	5,4	5,4	5,4
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0
Nida 3.5x25 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	4,0	-	-	4,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	-	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	4,0	-	-	4,0	-	-
Nida 3.5x55 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	4,0	-	-	4,0	-	-
Nida 4.2x70 mm sheet metal screws	pcs.	12,0	12,0	-	-	-	12,0	-	-	12,0	-	-
FixDens 4.2x25 mm screws	pcs.	-	-	4,0	4,0	-	-	4,0	-	-	4,0	-
FixDens 4.2x42 mm screws	pcs.	-	-	4,0	4,0	-	-	4,0	-	-	4,0	-
FixDens 4.2x60 mm screws	pcs.	-	-	4,0	4,0	-	-	4,0	-	-	4,0	-
FixDens 4.5x80 mm screws	pcs.	-	-	12,0	12,0	-	-	12,0	-	-	12,0	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Hydro C5 3.5x55 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Hydro C5 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	12,0	-	-	12,0	-	-	12,0
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
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida Start gypsum putty	kg	1,2	1,2	1,2	-	-	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	-	-	-	1,3	1,3	-	1,3	1,3	-	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 substrate type and the total mass of the encasement.

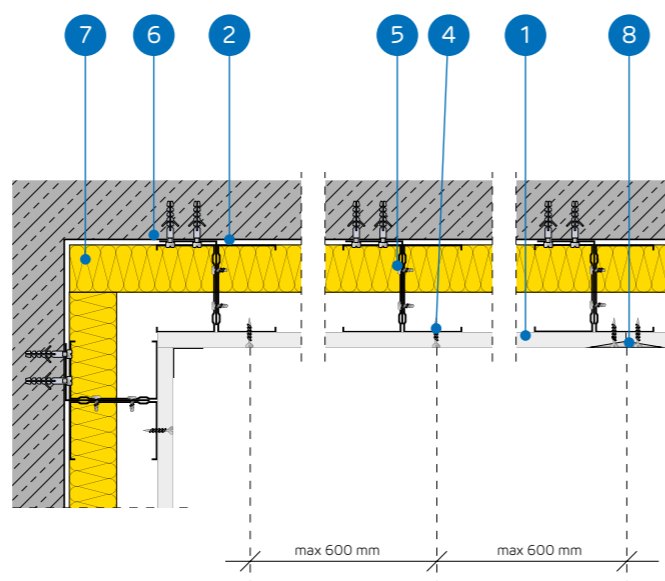
⁵⁾ For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.

⁶⁾ Application acc. to the requirements

The standards concerning the amount of utilised material do not cover the loss of the material.

nida TynkFire resistance class:
**(R)E115
(R)E130**Increase of acoustic insulation:
11 dBMaximum encasement height:
12000 mmWeight of 1m² of encasement:
13,0-19,0 kgNumber of related document:
ETA 15/0301Declaration of Performance:
DoP/Fixed Lining System /0018/15.11.2016**SYSTEMS:****CC100/L-12,5; CC100/L-18****MATERIALS:**

- Nida plasterboard
- Nida C100 profile (doubled)
- Nida U100 profile
- Nida 3.5x25 mm sheet metal screws
- FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal
- Nida steel angle profile
- Insulation material mineral wool (optional)
- The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
- Self-adhesive tape with lead

**THE SYSTEM OF WALL CLADDING ANCHORED TO THE NIDA C100 DOUBLED LOAD-BEARING STRUCTURE****TECHNICAL PARAMETERS**

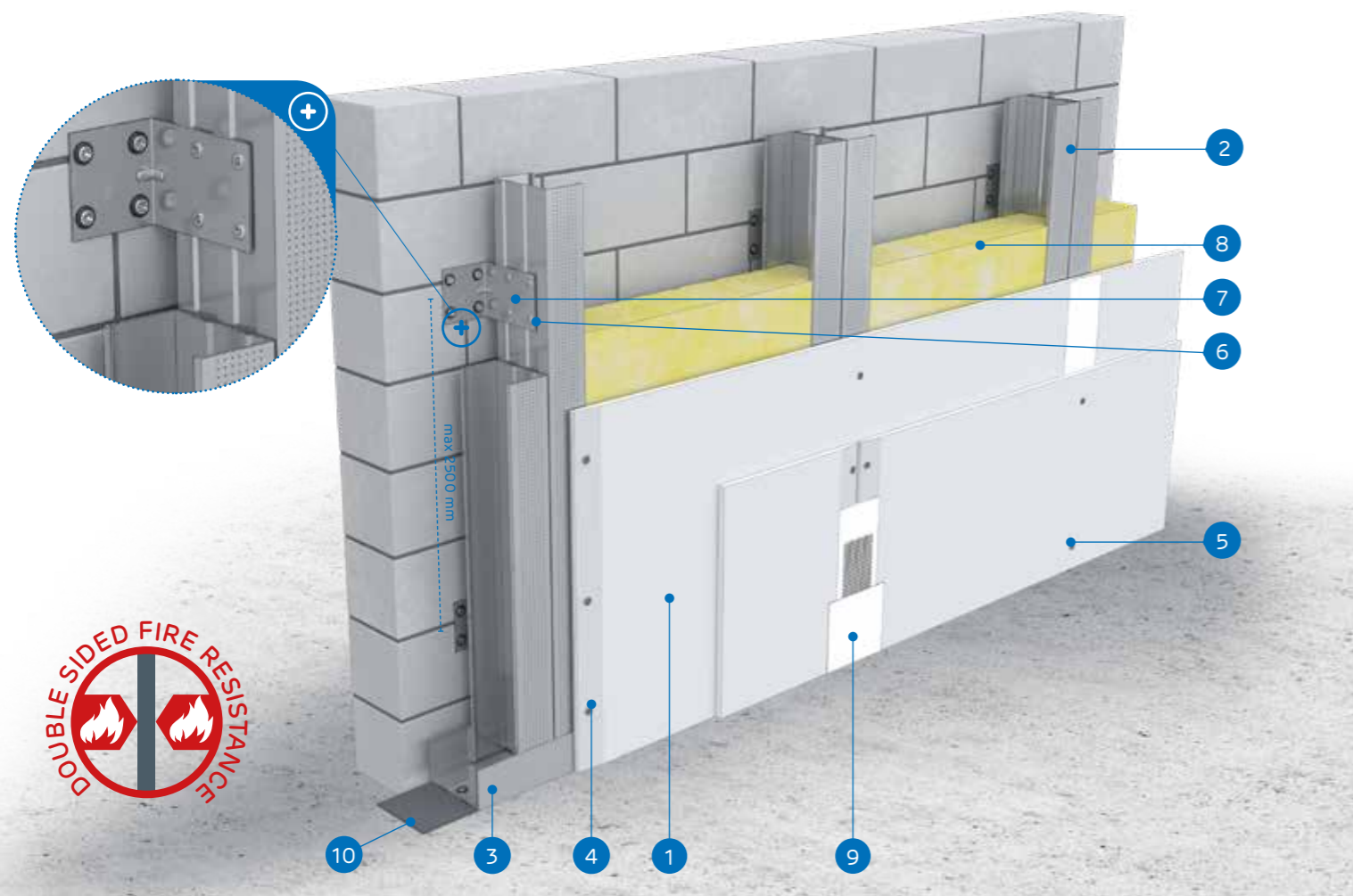
Nida Tynk system name ¹⁾	Sheathing of plasterboards			Load-bearing structure		Insulation material	Maximum height	Increase of acoustic insulation	Weight of 1m² of encasement	Fire resistance class	Special system
				Spacing of the steel angle profiles ²⁾	Spacing of the 2x Nida C100 profiles						
	Nida	Thickness [mm]	Marking acc. to standard	[mm]	[mm]	[mm]	[mm]	ΔRw max [dB]	[kg]	[min]	
CC100/L-12,5/Expert	Expert	12,5	A	2500	600	optional	12000	11	13,0	-	-
CC100/L-12,5/Woda ³⁾	Woda	12,5	H2	2500	600	optional	12000	11	13,0	-	-
CC100/L-12,5/Ogień+	Ogień Plus	12,5	DF	2500	600	optional	12000	11	15,0	(R)E115	-
CC100/L-12,5/WodaOgień+	Woda Ogień Plus	12,5	DFH2	2500	600	optional	12000	11	15,0	(R)E115	-
CC100/L-12,5/Cicha	Cicha	12,5	DFH1IR	2500	600	optional	12000	11	18,0	(R)E115	●
CC100/L-12,5/Twarda	Twarda	12,5	DEFH1IR	2500	600	optional	12000	11	18,0	(R)E115	●
CC100/L-12,5/Hydro	Hydro	12,5	GMFH1I	2500	600	optional	12000	11	16,0	(R)E115	●
CC100/L-18/Ogień+	Ogień Plus	18,0	DF	2500	600	optional	12000	11	19,0	(R)E130	-

¹⁾ European Technical Assessment ETA 15/0301.²⁾ In order to achieve higher acoustic insulation parameters the PHONI SL with a single angle arm acoustic connector should be utilised.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 ANCHORED WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM**

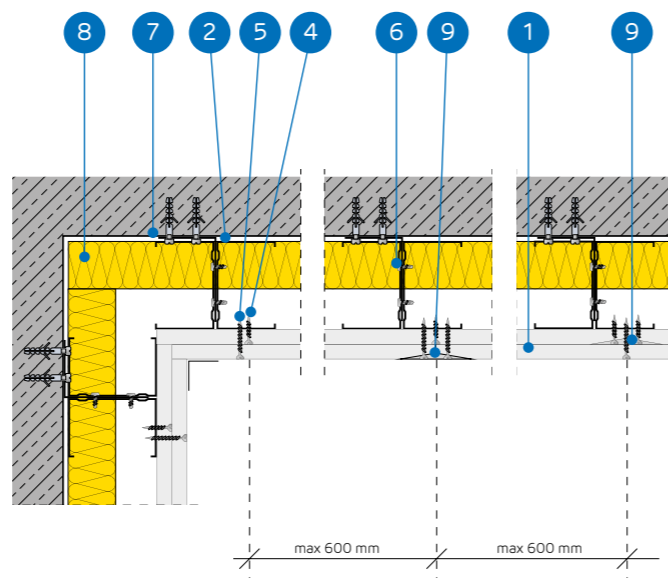
Material name	UM	System type Nida Tynk								
		CC100/L-12,5/Expert	CC100/L-12,5/Woda	CC100/L-12,5/Ogień+	CC100/L-12,5/WodaOgień+	CC100/L-12,5/Cicha	CC100/L-12,5/Twarda	CC100/L-12,5/Hydro	CC100/L-18/Ogień+	
		Consumption of material per 1m²								
Nida Expert 12.5 mm plasterboard	m²	1,0	-	-	-	-	-	-	-	
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 Cicha 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 18.0 mm plasterboard	m²	-	-	-	-	-	-	-	1,0	
Nida C100 profile	lm	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	
Nida U100 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	
Nida angle profile for UA100 profile	pcs.	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	
Anchoring element ⁴⁾	pcs.	5,4	5,4	5,4	5,4	5,4	5,4	5,4	5,4	
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	
Nida 3.5x25 mm sheet metal screws	pcs.	12,0	12,0	12,0	12,0	-	-	-	-	
Nida 3.5x35 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	12,0	
FixDens 4.2x25 mm screws	pcs.	-	-	-	-	12,0	12,0	-	-	
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	-	12,0	-	
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	
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 ⁵⁾	kg	-	-	-	-	-	0,4	0,4	-	
Mineral wool ⁶⁾	m²	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 substrate type and the total mass 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 TynkFire resistance class:
**(R)EI30
(R)EI60**Increase of acoustic insulation:
11 dBMaximum encasement height:
12000 mmWeight of 1m² of encasement:
22,0-36,0 kgNumber of related document:
ETA 15/0301Declaration of Performance:
DoP/Fixed Lining System /0018/15.11.2016**SYSTEMS:****CC100/L-25; CC100/L-27,5; CC100/L-30****MATERIALS:**

- Nida plasterboard
- Nida C100 profile (doubled)
- Nida U100 profile
- Nida 3.5x25 mm sheet metal screws
- Nida 3.5x35 mm sheet metal screws
- FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal
- Nida steel angle profile
- Insulation material mineral wool (optional)
- The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
- Self-adhesive tape with lead

**THE SYSTEM OF WALL CLADDING ANCHORED TO THE NIDA C100 DOUBLED LOAD-BEARING STRUCTURE****TECHNICAL PARAMETERS**

Nida Tynk system name ¹⁾	Sheathing of plasterboards			Load-bearing structure		Insulation material	Maximum height	Increase of acoustic insulation	Weight of 1m² of encasement	Fire resistance class	Special system
	Nida	Thickness [mm]	Marking acc. to standard	Spacing of the steel angle profiles ²⁾ [mm]	Spacing of the 2x Nida C100 profiles [mm]						
CC100/L-25/Expert	Expert	2x12,5	A	2500	600	optional	12000	11	22,0	-	-
CC100/L-25/Woda ³⁾	Woda	2x12,5	H2	2500	600	optional	12000	11	22,0	-	-
CC100/L-25/Ogień Typ F	Ogień Typ F	2x12,5	F	2500	600	optional	12000	11	22,0	(R)EI30	-
CC100/L-25/Ogień+	Ogień Plus	2x12,5	DF	2500	600	optional	12000	11	25,0	(R)EI30	-
CC100/L-25/WodaOgień+	Woda Ogień Plus	2x12,5	DFH2	2500	600	optional	12000	11	25,0	(R)EI30	-
CC100/L-25/Cicha	Cicha	2x12,5	DFH1R	2500	600	optional	12000	11	31,0	(R)EI30	●
CC100/L-25/Twarda	Twarda	2x12,5	DEFH1R	2500	600	optional	12000	11	31,0	(R)EI30	●
CC100/L-25/Hydro	Hydro	2x12,5	GMFH1I	2500	600	optional	12000	11	27,0	(R)EI30	●
CC100/L-27,5/Ogień+ ⁴⁾	Ogień Plus	1x12,5+1x15,0	DF	2500	600	optional	12000	11	29,0	(R)EI60	-
CC100/L-30/Ogień+	Ogień Plus	2x15,0	DF	2500	600	optional	12000	11	32,0	(R)EI60	-
CC100/L-30/Twarda	Twarda	2x15,0	DEFH1R	2500	600	optional	12000	11	36,0	(R)EI60	●
CC100/L-30/Hydro	Hydro	2x15,0	GMFH1I	2500	600	optional	12000	11	32,0	(R)EI60	●

¹⁾ European Technical Assessment ETA 15/0301.²⁾ In order to achieve higher acoustic insulation parameters the PHONI SL with a single angle arm acoustic connector should be utilised.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.)⁴⁾ 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 ANCHORED WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM**

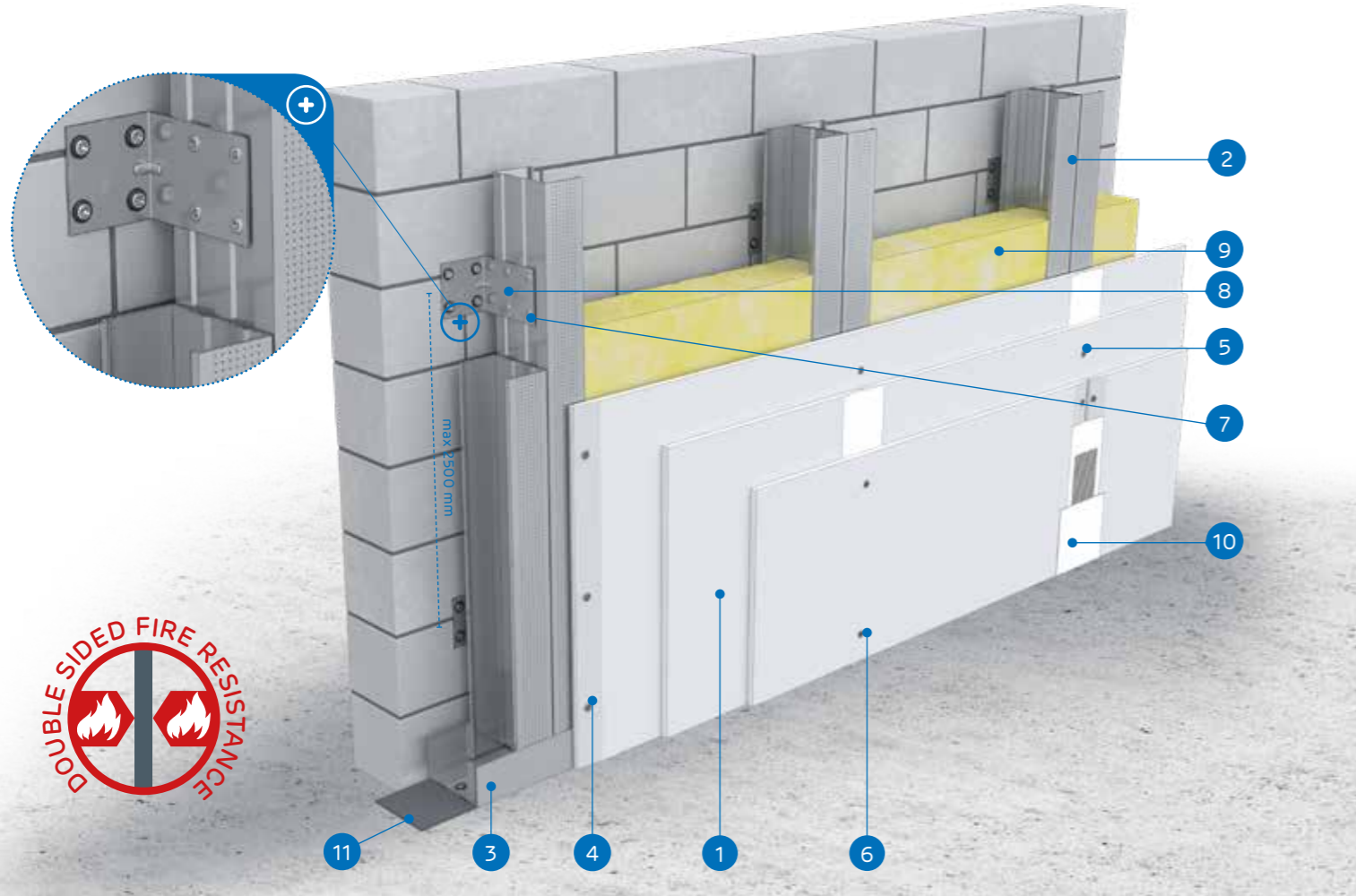
Material name	UM	System type Nida Tynk										
		CC100/L-25/Expert	CC100/L-25/Woda	CC100/L-25/Ogień Typ F	CC100/L-25/Ogień+	CC100/L-25/WodaOgień+	CC100/L-25/Cicha	CC100/L-25/Twarda	CC100/L-25/Hydro	CC100/L-27,5/Ogień+	CC100/L-30/Ogień+	CC100/L-30/Twarda
Consumption of material per 1m²												
Nida 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 Cicha 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 C100 profile	lm	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6
Nida U100 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida angle profile for UA100 profile	pcs.	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8
Anchoring element ⁵⁾	pcs.	5,4	5,4	5,4	5,4	5,4	5,4	5,4	5,4	5,4	5,4	5,4
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.	4,0	4,0	4,0	4,0	4,0	-	-	-	4,0	4,0	-
Nida 3.5x35 mm sheet metal screws	pcs.	12,0	12,0	12,0	12,0	12,0	-	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	12,0	12,0	-
FixDens 4.2x25 mm screws	pcs.	-	-	-	-	-	4,0	4,0	-	-	-	4,0
FixDens 4.2x42 mm screws	pcs.	-	-	-	-	-	-	12,0	12,0	-	-	12,0
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	4,0	-	-	4,0
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	12,0	-	12,0
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
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida Start gypsum putty	kg	0,6	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	0,1	-
Nida Hydromix ready-to-use joint filler ⁶⁾	kg	-	-	-	-	-	-	0,7	0,7	-	-	0,7
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

⁵⁾ The type of the anchoring element should be selected individually adequately for the substrate type and the total mass 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.

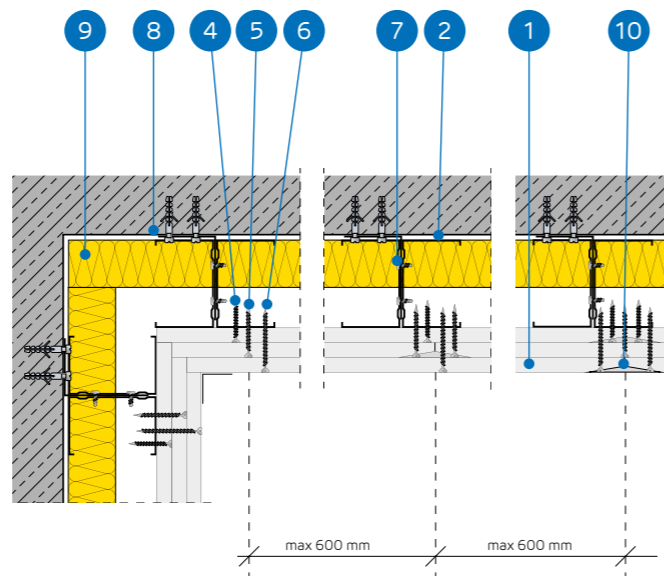
nida TynkFire resistance class:
(R)EI60
(R)EI120Increase of acoustic insulation:
11 dBMaximum encasement height:
12000 mmWeight of 1m² of encasement:
36,0-46,0 kgNumber of related document:
ETA 15/0301Declaration of Performance:
DoP/Fixed Lining System /0018/15.11.2016

SYSTEMS:

CC100/L-37,5; CC100/L-45

MATERIALS:

1. Nida plasterboard
2. Nida C100 profile (doubled)
3. Nida U100 profile
4. Nida 3.5x25 mm sheet metal screws
5. Nida 3.5x35 mm sheet metal screws
6. Nida 3.5x55 mm sheet metal screws
7. FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal
8. Nida steel angle profile
9. Insulation material mineral wool (optional)
10. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
11. Self-adhesive tape with lead



THE SYSTEM OF WALL CLADDING ANCHORED TO THE NIDA C100 DOUBLED LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name ¹⁾	Sheathing of plasterboards			Load-bearing structure		Insulation material	Maximum height	Increase of acoustic insulation	Weight of 1m ² of encasement	Fire resistance class	Special system
				Spacing of the steel angle profiles ²⁾	Spacing of the 2x Nida C100 profiles						
	Nida	Thickness [mm]	Marking acc. to standard	[mm]	[mm]	[mm]	[mm]	ΔRw max [dB]	[kg]	[min]	
CC100/L-37,5/Ogień+	Ogień Plus	3x12,5	DF	2500	600	optional	12000	11	36,0	(R)EI60	-
CC100/L-37,5/WodaOgień+	Woda Ogień Plus	3x12,5	DFH2	2500	600	optional	12000	11	36,0	(R)EI60	-
CC100/L-37,5/Cicha	Cicha	3x12,5	DFH1R	2500	600	optional	12000	11	44,0	(R)EI60	•
CC100/L-37,5/Twarda	Twarda	3x12,5	DEFH1R	2500	600	optional	12000	11	44,0	(R)EI60	•
CC100/L-37,5/Hydro	Hydro	3x12,5	GMFH1I	2500	600	optional	12000	11	38,0	(R)EI60	•
CC100/L-45/Ogień+ ³⁾	Ogień Plus	3x15,0	DF	2500	600	optional	12000	11	46,0	(R)EI120	-
CC100/L-45/WodaOgień+ ³⁾	Woda Ogień Plus	3x15,0	DFH2	2500	600	optional	12000	11	46,0	(R)EI120	-

¹⁾ European Technical Assessment ETA 15/0301.²⁾ In order to achieve higher acoustic insulation parameters the PHONI SL with a single angle arm acoustic connector should be utilised.³⁾ Within the systems for the fire resistance (R)EI120 and 3x15.0 mm configuration replacement of board types is not possible.CONSUMPTION OF MATERIALS PER 1M² FOR THE ANCHORED WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk						
		CC100/L-37,5/Ogień+	CC100/L-37,5/WodaOgień+	CC100/L-37,5/Cicha	CC100/L-37,5/Twarda	CC100/L-37,5/Hydro	CC100/L-45/Ogień+	CC100/L-45/WodaOgień+
		Consumption of material per 1m ²						
Nida Ogień Plus 12.5 mm plasterboard	m ²	3,0	-	-	-	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m ²	-	3,0	-	-	-	-	-
Nida Cicha 12.5 mm plasterboard	m ²	-	-	3,0	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m ²	-	-	-	3,0	-	-	-
Nida Hydro 12.5 mm plasterboard	m ²	-	-	-	-	3,0	-	-
Nida Ogień Plus 15.0 mm plasterboard	m ²	-	-	-	-	-	3,0	-
Nida Woda Ogień Plus 15.0 mm plasterboard	m ²	-	-	-	-	-	-	3,0
Nida C100 profile	lm	3,6	3,6	3,6	3,6	3,6	3,6	3,6
Nida U100 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida angle profile for UA100 profile	pcs.	0,8	0,8	0,8	0,8	0,8	0,8	0,8
Anchoring element ⁴⁾	pcs.	5,4	5,4	5,4	5,4	5,4	5,4	5,4
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
Nida 3.5x25 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	4,0	4,0
Nida 3.5x35 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	4,0	4,0
Nida 3.5x55 mm sheet metal screws	pcs.	12,0	12,0	-	-	-	-	-
Nida 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	-	12,0	12,0
FixDens 4.2x25 mm screws	pcs.	-	-	4,0	4,0	-	-	-
FixDens 4.2x42 mm screws	pcs.	-	-	4,0	4,0	-	-	-
FixDens 4.2x60 mm screws	pcs.	-	-	12,0	12,0	-	-	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-
Nida Hydro C5 3.5x55 mm sheet metal screws	pcs.	-	-	-	-	12,0	-	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida Start gypsum putty	kg	0,9	0,9	0,9	-	-	0,9	0,9
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	-	-
Mineral wool ⁶⁾	m ²	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 substrate type and the total mass 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 Tynk

Fire resistance class:
**(R)EI90
(R)EI120**

Increase of acoustic insulation:
11 dB

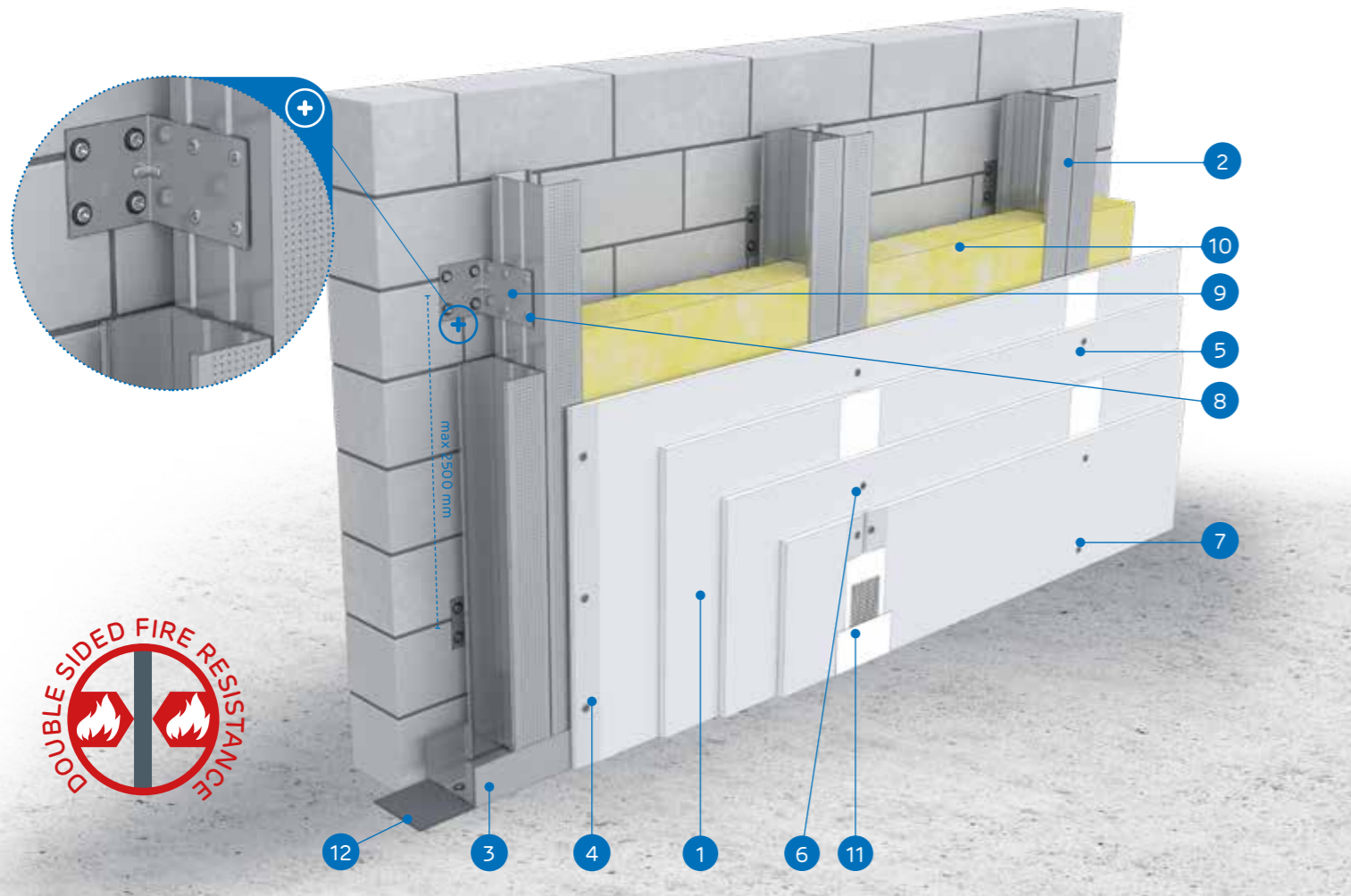
Maximum encasement height:
12000 mm

Weight of 1m² of encasement:
46,0-68,0 kg

Number of related document:
ETA 15/0301

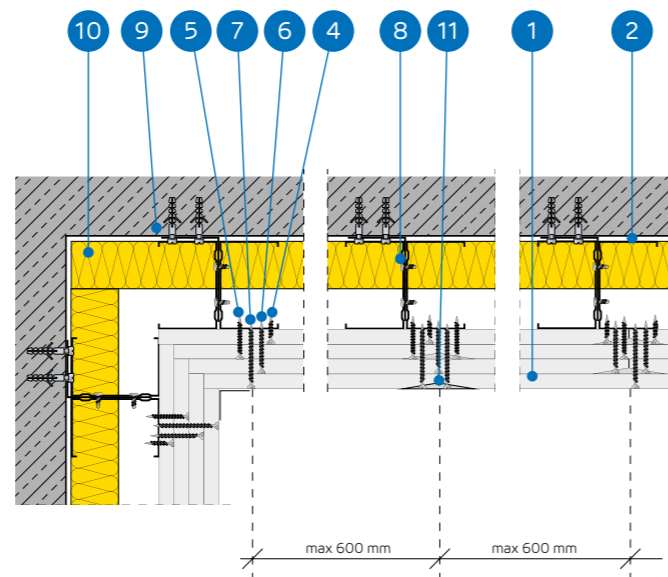
Declaration of Performance:
DoP/Fixed Lining System /0018/15.11.2016

SYSTEMS:
CC100/L-50; CC100/L-55; CC100/L-60



MATERIALS:

1. Nida plasterboard
2. Nida C100 profile (doubled)
3. Nida U100 profile
4. Nida 3.5x25 mm sheet metal screws
5. Nida 3.5x35 mm sheet metal screws
6. Nida 3.5x55 mm sheet metal screws
7. Nida 4.2x70 mm sheet metal screws
8. FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal
9. Nida steel angle profile
10. Insulation material mineral wool (optional)
11. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
12. Self-adhesive tape with lead



THE SYSTEM OF WALL CLADDING ANCHORED TO THE NIDA C100 DOUBLED LOAD-BEARING STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name ¹⁾	Sheathing of plasterboards			Load-bearing structure		Insulation material	Maximum height [mm]	Increase of acoustic insulation ΔRw max [dB]	Weight of 1m ² of encasement [kg]	Fire resistance class [min]	Special system
	Nida	Thickness [mm]	Marking acc. to standard	Spacing of the steel angle profiles ²⁾ [mm]	Spacing of the 2x Nida C100 profiles [mm]						
CC100/L-50/Ogień+	Ogień Plus	4x12,5	DF	2500	600	optional	12000	11	46,0	(R)EI90	-
CC100/L-50/WodaOgień+	Woda Ogień Plus	4x12,5	DFH2	2500	600	optional	12000	11	46,0	(R)EI90	-
CC100/L-50/Cicha	Cicha	4x12,5	DFH1IR	2500	600	optional	12000	11	57,0	(R)EI90	●
CC100/L-50/Twarda	Twarda	4x12,5	DEFH1IR	2500	600	optional	12000	11	57,0	(R)EI90	●
CC100/L-50/Hydro	Hydro	4x12,5	GMFH1I	2500	600	optional	12000	11	49,0	(R)EI90	●
CC100/L-55/Ogień+	Ogień Plus	2x12,5+2x15,0	DF	2500	600	optional	12000	11	53,0	(R)EI120	-
CC100/L-55/Twarda	Twarda	2x12,5+2x15,0	DEFH1IR	2500	600	optional	12000	11	62,0	(R)EI120	●
CC100/L-55/Hydro	Hydro	2x12,5+2x15,0	GMFH1I	2500	600	optional	12000	11	54,0	(R)EI120	●
CC100/L-60/Ogień+	Ogień Plus	4x15,0	DF	2500	600	optional	12000	11	60,0	(R)EI120	-
CC100/L-60/Twarda	Twarda	4x15,0	DEFH1IR	2500	600	optional	12000	11	68,0	(R)EI120	●
CC100/L-60/Hydro	Hydro	4x15,0	GMFH1I	2500	600	optional	12000	11	60,0	(R)EI120	●

¹⁾ European Technical Assessment ETA 15/0301.

²⁾ In order to achieve higher acoustic insulation parameters the PHONI SL with a single angle arm acoustic connector should be utilised.

CONSUMPTION OF MATERIALS PER 1M² FOR THE ANCHORED WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

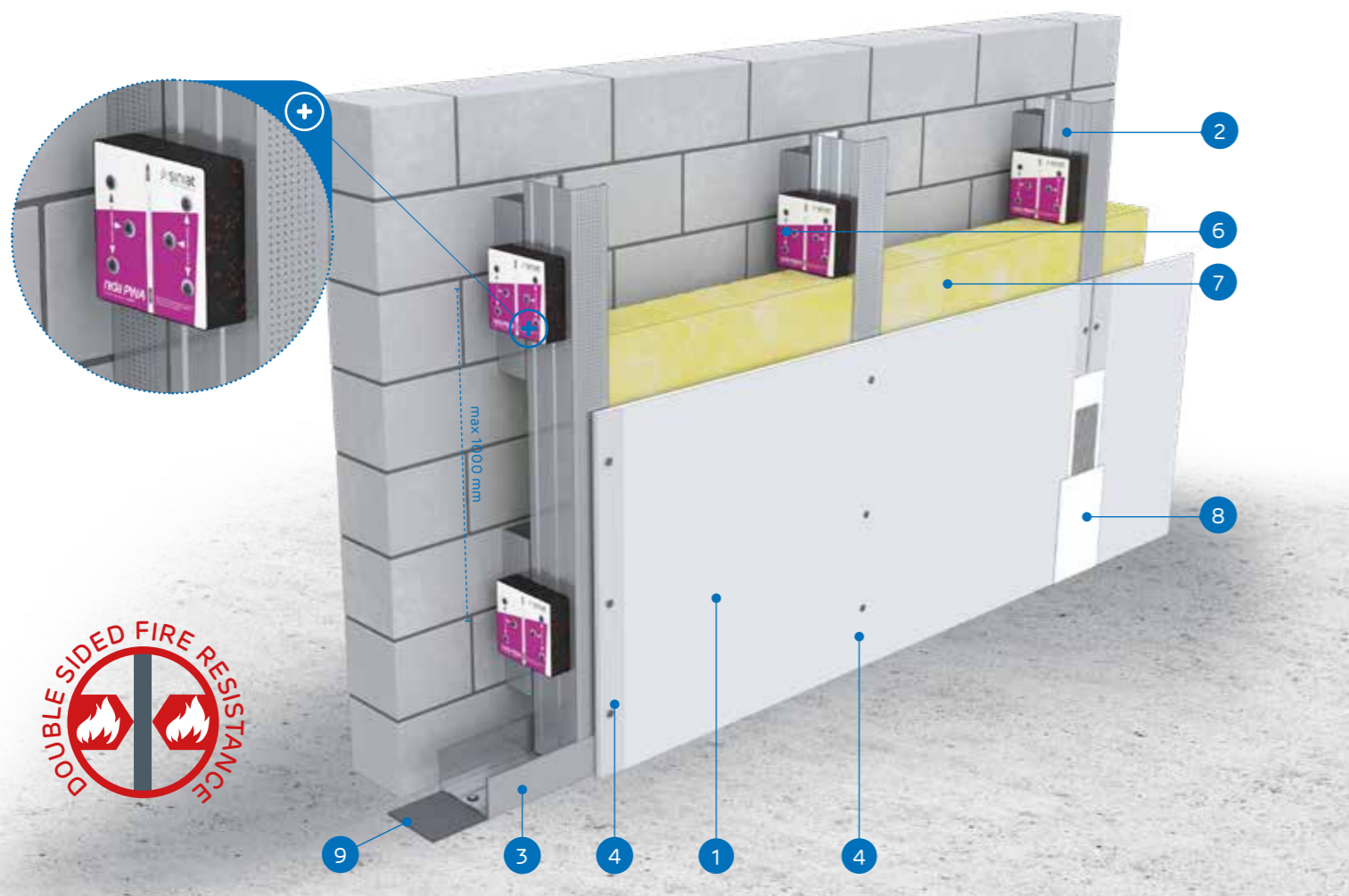
Material name	UM	System type Nida Tynk										
		CC100/L-50/Ogień+	CC100/L-50/WodaOgień+	CC100/L-50/Cicha	CC100/L-50/Twarda	CC100/L-50/Hydro	CC100/L-55/Ogień+	CC100/L-55/Twarda	CC100/L-55/Hydro	CC100/L-60/Ogień+	CC100/L-60/Twarda	CC100/L-60/Hydro
Consumption of material per 1m ²												
Nida Ogień Plus 12.5 mm plasterboard	m ²	4,0	-	-	-	-	2,0	-	-	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m ²	-	4,0	-	-	-	-	-	-	-	-	-
Nida Cicha 12.5 mm plasterboard	m ²	-	-	4,0	-	-	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m ²	-	-	-	4,0	-	2,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m ²	-	-	-	-	4,0	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m ²	-	-	-	-	-	2,0	-	-	4,0	-	-
Nida Twarda 15.0 mm plasterboard	m ²	-	-	-	-	-	-	2,0	-	-	4,0	-
Nida Hydro 15.0 mm plasterboard	m ²	-	-	-	-	-	-	-	2,0	-	-	4,0
Nida C100 profile	lm	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6
Nida U100 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida angle profile for UA100 profile	pcs.	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8
Anchoring element ³⁾	pcs.	5,4	5,4	5,4	5,4	5,4	5,4	5,4	5,4	5,4	5,4	5,4
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.	4,0	4,0	-	-	-	4,0	-	-	4,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	-	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	4,0	-	-	4,0	-	-
Nida 3.5x55 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	4,0	-	-	4,0	-	-
Nida 4.2x70 mm sheet metal screws	pcs.	12,0	12,0	-	-	-	12,0	-	-	12,0	-	-
FixDens 4.2x25 mm screws	pcs.	-	-	4,0	4,0	-	-	4,0	-	-	4,0	-
FixDens 4.2x42 mm screws	pcs.	-	-	4,0	4,0	-	-	4,0	-	-	4,0	-
FixDens 4.2x60 mm screws	pcs.	-	-	4,0	4,0	-	-	4,0	-	-	4,0	-
FixDens 4.5x80 mm screws	pcs.	-	-	12,0	12,0	-	-	12,0	-	-	12,0	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Hydro C5 3.5x55 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Hydro C5 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	12,0	-	-	12,0	-	-	12,0
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
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida Start gypsum putty	kg	1,2	1,2	1,2	-	-	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 ⁴⁾	kg	-	-	-	1,3	1,3	-	1,3	1,3	-	1,3	1,3
Mineral wool ⁵⁾	m ²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

³⁾ The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.

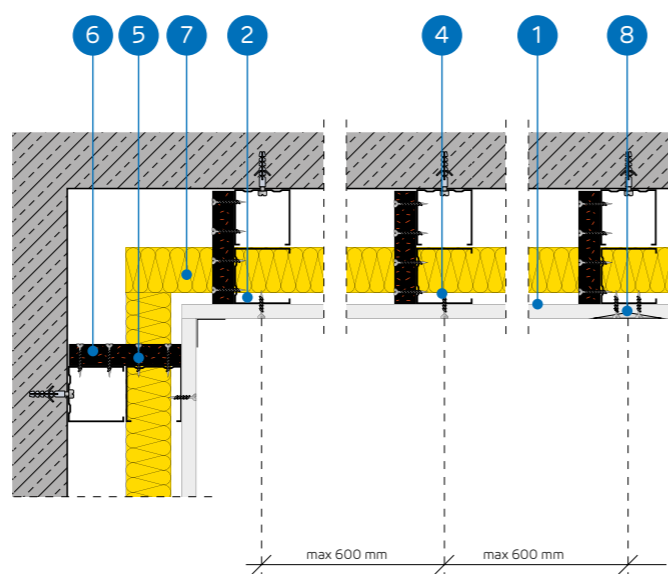
⁴⁾ For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.

⁵⁾ Application acc. to the requirements

The standards concerning the amount of utilised material do not cover the loss of the material.

nida TynkFire resistance class:
**(R)EI15
(R)EI30**Maximum acoustic insulation:
49 dBMaximum encasement height:
2800 mmWeight of 1m² of encasement:
12,0-18,0 kgNumber of related document:
ETA 15/0301Declaration of Performance:
DoP/Separate Lining System/0012/15.11.2016**SYSTEMS:****C50/PWA-12,5; C50/PWA-18****MATERIALS:**

- Nida plasterboard
- Nida C50 profile
- Nida U50 profile
- Nida 3.5x25 mm sheet metal screws
- Nida 3.5x45 mm sheet metal screws
- Nida PWA50 vibro-acoustic lacing
- Insulation material mineral wool (optional)
- The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
- Self-adhesive tape with lead

**THE SYSTEM OF WALL CLADDING ANCHORED TO THE NIDA C50 LOAD-BEARING STRUCTURE (NIDA PWA)****TECHNICAL PARAMETERS**

Nida Tynk system name ¹⁾	Sheathing of plasterboards			Load-bearing structure		Insulation material			Maximum height	Acoustic insulation			Weight of 1m² of encasement	Fire resistance class	Special system
	Nida	Thickness [mm]	Marking acc. to standard	Spacing of the Nida PWA50 vibro-acoustic lacing [mm]	Spacing of the Nida C50 profiles [mm]	Within the range of the acoustic insulation				Rw [dB]	Ra1 [dB]	Ra2 [dB]			
						Mineral wool	Thickness [mm]	Density [kg/m³]							
C50/PWA-12,5/Expert	Expert	12,5	A	1000	600	glass wool	50	12	2800	34	32	28	12,0	-	-
C50/PWA-12,5/Woda ²⁾	Woda	12,5	H2	1000	600	glass wool	50	12	2800	34	32	28	12,0	-	-
C50/PWA-12,5/Ogień+	Ogień Plus	12,5	DF	1000	600	glass wool	50	12	2800	36	34	30	14,0	(R)EI15	-
C50/PWA-12,5/WodaOgień+	Woda Ogień Plus	12,5	DFH2	1000	600	glass wool	50	12	2800	36	34	30	14,0	(R)EI15	-
C50/PWA-12,5/Cicha ³⁾	Cicha	12,5	DFH1IR	1000	600	glass wool	50	12	2800	49 ³⁾	48	43	17,0	(R)EI15	●
C50/PWA-12,5/Twarda	Twarda	12,5	DEFH1IR	1000	600	glass wool	50	12	2800	49 ³⁾	47	43	17,0	(R)EI15	●
C50/PWA-12,5/Hydro	Hydro	12,5	GMFH1I	1000	600	glass wool	50	12	2800	36	34	30	15,0	(R)EI15	●
C50/PWA-18/Ogień+	Ogień Plus	18,0	DF	1000	600	glass wool	50	12	2800	37	36	32	18,0	(R)EI30	-

¹⁾ European Technical Assessment ETA 15/0301.²⁾ 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.)³⁾ Acoustic insulation is calculated on the basis of simulations run with utilisation of the INSUL program for the following arrangement: plasterboard sheathing + rigid wall of aerated concrete blocks, thickness 11.5 cm, density 600 kg/m³.**CONSUMPTION OF MATERIALS PER 1M² FOR THE ANCHORED WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM**

Material name	UM	System type Nida Tynk								
		C50/PWA-12,5/Expert	C50/PWA-12,5/Woda	C50/PWA-12,5/Ogień+	C50/PWA-12,5/WodaOgień+	C50/PWA-12,5/Cicha	C50/PWA-12,5/Twarda	C50/PWA-12,5/Hydro	C50/PWA-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 Cicha 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 18.0 mm plasterboard	m²	-	-	-	-	-	-	-	1,0	
Nida C50 profile	lm	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0	
Nida U50 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	
Nida PWA50 vibro-acoustic lacing	pcs.	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1	
Anchoring element ⁴⁾	pcs.	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9	
Nida 3.5x25 mm sheet metal screws	pcs.	12,0	12,0	12,0	12,0	-	-	-	-	
Nida 3.5x35 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	12,0	
Nida 3.5x45 mm sheet metal screws	pcs.	7,0	7,0	7,0	7,0	7,0	7,0	7,0	7,0	
FixDens 4.2x25 mm screws	pcs.	-	-	-	-	12,0	12,0	-	-	
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	-	12,0	-	
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	
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 ⁵⁾	kg	-	-	-	-	-	0,4	0,4	-	
Mineral wool ⁶⁾	m²	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 substrate type and the total mass 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 Tynk



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



Maximum acoustic insulation:
50 dB



Maximum encasement height:
3000 mm



Weight of 1m² of encasement:
20,0-34,0 kg

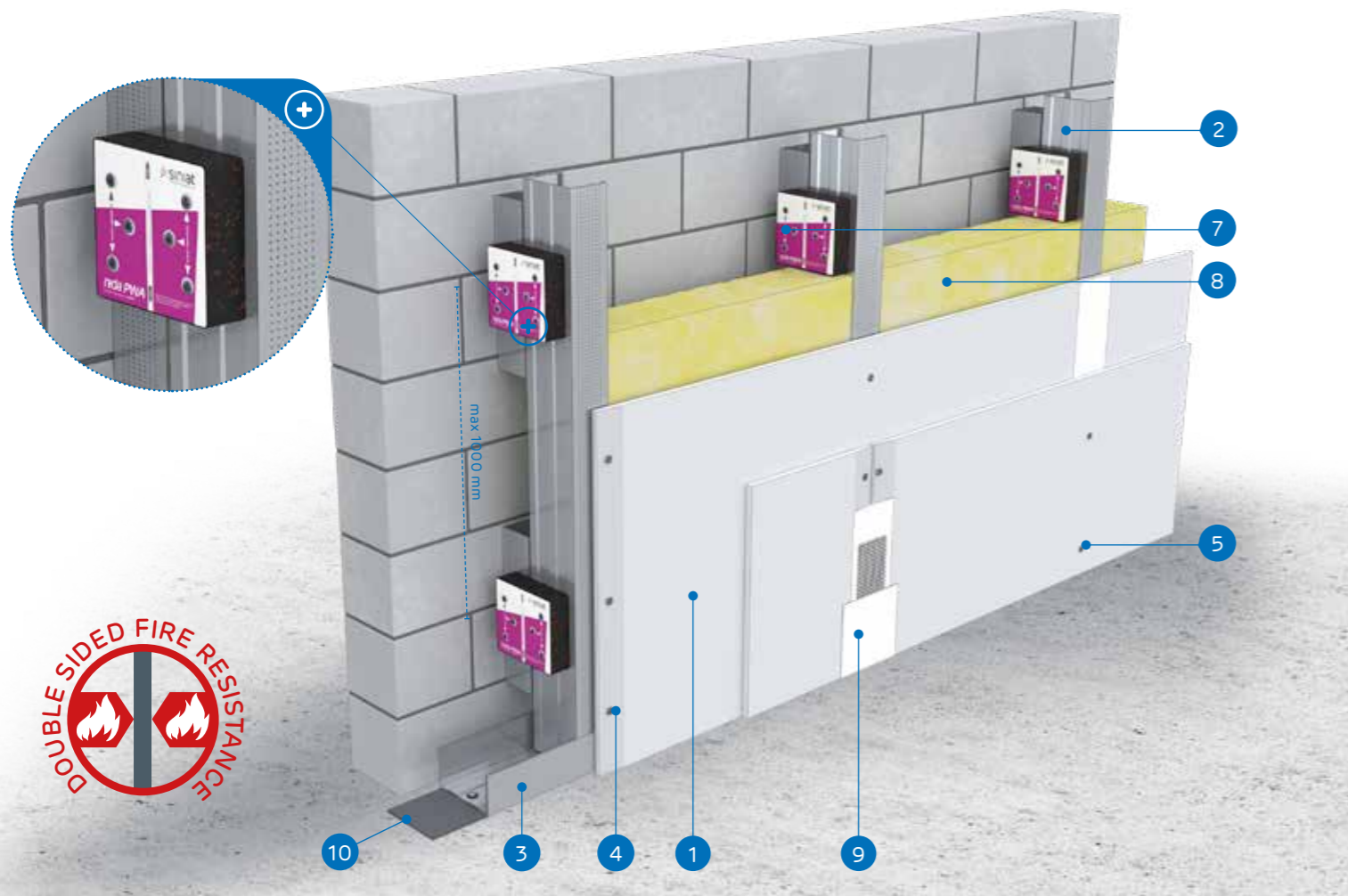


Number of related document:
ETA 15/0301

Declaration of Performance:
DoP/Separate Lining System/0012/15.11.2016

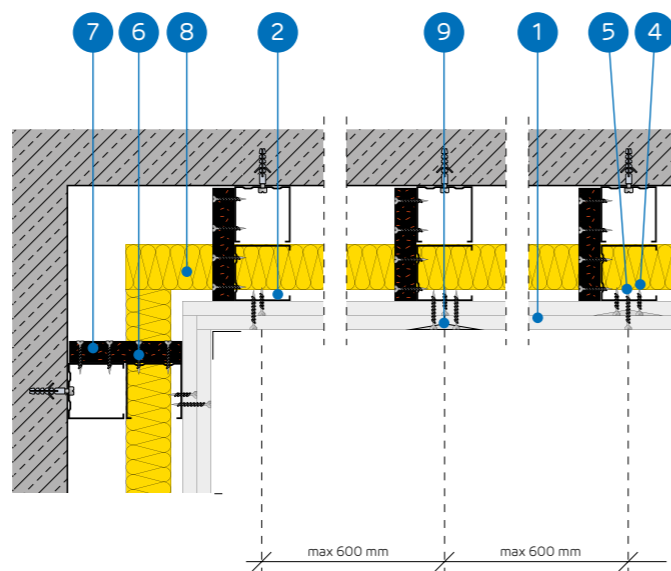
SYSTEMS:

C50/PWA-25; C50/PWA-27,5; C50/PWA-30



MATERIALS:

1. Nida plasterboard
2. Nida C50 profile
3. Nida U50 profile
4. Nida 3.5x25 mm sheet metal screws
5. Nida 3.5x35 mm sheet metal screws
6. Nida 3.5x45 mm sheet metal screws
7. Nida PWA50 vibro-acoustic lacing
8. Insulation material mineral wool (optional)
9. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
10. Self-adhesive tape with lead



THE SYSTEM OF WALL CLADDING ANCHORED TO THE NIDA C50 LOAD-BEARING STRUCTURE (NIDA PWA)

TECHNICAL PARAMETERS

Nida Tynk system name ¹⁾	Sheathing of plasterboards			Load-bearing structure		Insulation material			Maximum height [mm]	Acoustic insulation			Weight of 1m² of encasement [kg]	Fire resistance class [min]	Special system
	Nida	Thickness [mm]	Marking acc. to standard	Spacing of the Nida PWA50 vibro-acoustic lacing [mm]	Spacing of the Nida C50 profiles [mm]	Within the range of the acoustic insulation				Rw [dB]	Ra1 [dB]	Ra2 [dB]			
C50/PWA-25/Expert	Expert	2x12,5	A	1000	600	glass wool	50	12	3000	37	35	31	20,0	-	-
C50/PWA-25/Woda ²⁾	Woda	2x12,5	H2	1000	600	glass wool	50	12	3000	37	35	31	20,0	-	-
C50/PWA-25/OgieńTypF	Ogień Typ F	2x12,5	F	1000	600	glass wool	50	12	3000	37	35	31	20,0	(R)EI30	-
C50/PWA-25/Ogień+	Ogień Plus	2x12,5	DF	1000	600	glass wool	50	12	3000	40	38	35	24,0	(R)EI30	-
C50/PWA-25/WodaOgień+	Woda Ogień Plus	2x12,5	DFH2	1000	600	glass wool	50	12	3000	40	38	35	24,0	(R)EI30	-
C50/PWA-25/Cicha ³⁾	Cicha	2x12,5	DFH1R	1000	600	glass wool	50	12	3000	50 ⁴⁾	49	47	29,0	(R)EI30	●
C50/PWA-25/Twarda	Twarda	2x12,5	DEFH1R	1000	600	glass wool	50	12	3000	50 ⁴⁾	49	46	29,0	(R)EI30	●
C50/PWA-25/Hydro	Hydro	2x12,5	GMFH1I	1000	600	glass wool	50	12	3000	40	38	35	25,0	(R)EI30	●
C50/PWA-27,5/Ogień+ ³⁾	Ogień Plus	1x12,5+1x15,0	DF	1000	600	glass wool	50	12	3000	40	38	35	27,0	(R)EI60	-
C50/PWA-30/Ogień+	Ogień Plus	2x15,0	DF	1000	600	glass wool	50	12	3000	41	40	37	31,0	(R)EI60	-
C50/PWA-30/Twarda	Twarda	2x15,0	DEFH1R	1000	600	glass wool	50	12	3000	49 ⁴⁾	48	46	34,0	(R)EI60	●
C50/PWA-30/Hydro	Hydro	2x15,0	GMFH1I	1000	600	glass wool	50	12	3000	41	40	37	31,0	(R)EI60	●

¹⁾ European Technical Assessment ETA 15/0301.

²⁾ 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.)

³⁾ 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.

⁴⁾ Acoustic insulation is calculated on the basis of simulations run with utilisation of the INSUL program for the following arrangement: plasterboard sheathing + rigid wall of aerated concrete blocks, thickness 11.5 cm, density 600 kg/m³.

CONSUMPTION OF MATERIALS PER 1M² FOR THE ANCHORED WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk										
		C50/PWA-25/Expert	C50/PWA-25/Woda	C50/PWA-25/OgieńTypF	C50/PWA-25/Ogień+	C50/PWA-25/WodaOgień+	C50/PWA-25/Cicha	C50/PWA-25/Twarda	C50/PWA-25/Hydro	C50/PWA-27,5/Ogień+	C50/PWA-30/Ogień+	C50/PWA-30/Twarda
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 Cicha 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 C50 profile	lm	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0
Nida U50 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida PWA50 vibro-acoustic lacing	pcs.	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1
Anchoring element ⁵⁾	pcs.	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9
Nida 3.5x25 mm sheet metal screws	pcs.	4,0	4,0	4,0	4,0	4,0	-	-	4,0	4,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	12,0	12,0	12,0	12,0	12,0	-	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	7,0	7,0	-	7,0	7,0	7,0	7,0	12,0	19,0	7,0	7,0
FixDens 4.2x25 mm screws	pcs.	-	-	-	-	-	4,0	4,0	-	-	4,0	-
FixDens 4.2x42 mm screws	pcs.	-	-	-	-	-	-	12,0	12,0	-	-	12,0
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	4,0	-	-	4,0
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	12,0	-	-	12,0
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
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida Start gypsum putty	kg	0,6	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	0,1	-
Nida Hydromix ready-to-use joint filler ⁶⁾	kg	-	-	-	-	-	-	0,7	0,7	-	-	0,7
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

⁵⁾ The type of the anchoring element should be selected individually adequately for the substrate type and the total mass 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 Tynk



Fire resistance class:
**(R)EI60
(R)EI120**



Maximum acoustic insulation:
51 dB



Maximum encasement height:
3000 mm



Weight of 1m² of encasement:
34,0-43,0 kg

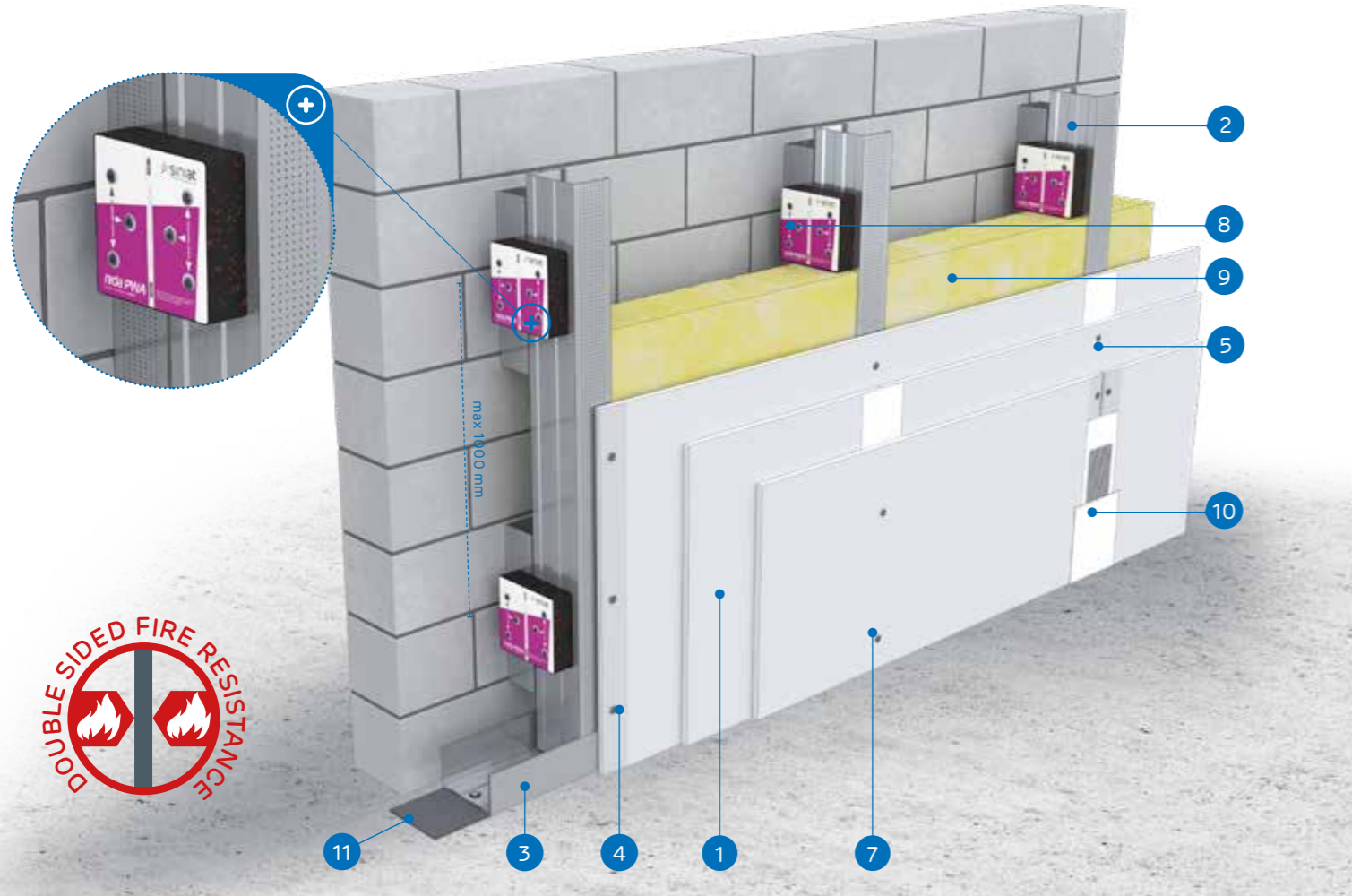


Number of related document:
ETA 15/0301

Declaration of Performance:
DoP/Separate Lining System/0012/15.11.2016

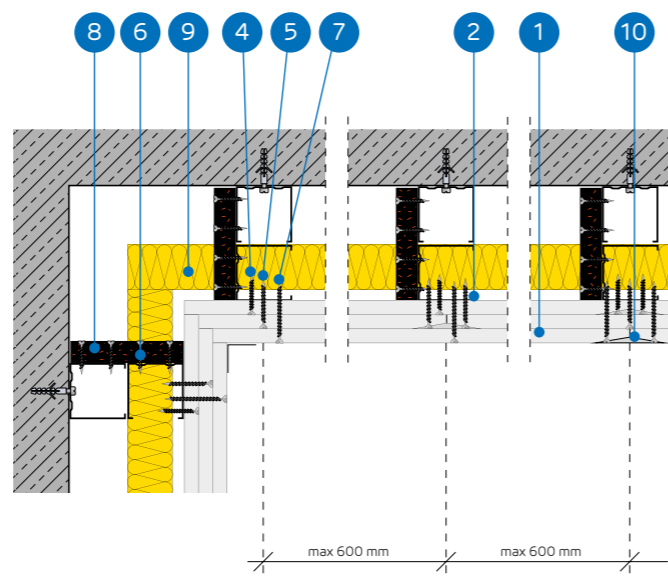
SYSTEMS:

C50/PWA-37,5; C50/PWA-45



MATERIALS:

1. Nida plasterboard
2. Nida C50 profile
3. Nida U50 profile
4. Nida 3.5x25 mm sheet metal screws
5. Nida 3.5x35 mm sheet metal screws
6. Nida 3.5x45 mm sheet metal screws
7. Nida 3.5x55 mm sheet metal screws
8. Nida PWA50 vibro-acoustic lacing
9. Insulation material mineral wool (optional)
10. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
11. Self-adhesive tape with lead



THE SYSTEM OF WALL CLADDING ANCHORED TO THE NIDA C50 LOAD-BEARING STRUCTURE (NIDA PWA)

TECHNICAL PARAMETERS

Nida Tynk system name ¹⁾	Sheathing of plasterboards			Load-bearing structure		Insulation material			Maximum height [mm]	Acoustic insulation			Weight of 1m² of encasement [kg]	Fire resistance class [min]	Special system
	Nida	Thickness [mm]	Marking acc. to standard	Spacing of the Nida PWA50 vibro-acoustic lacing [mm]	Spacing of the Nida C50 profiles [mm]	Within the range of the acoustic insulation				Rw [dB]	Ra1 [dB]	Ra2 [dB]			
						Mineral wool	Thickness [mm]	Density [kg/m³]							
C50/PWA-37,5/Ogień+	Ogień Plus	3x12,5	DF	1000	600	glass wool	50	12	3000	41	40	37	34,0	(R)EI60	-
C50/PWA-37,5/WodaOgień+	Woda Ogień Plus	3x12,5	DFH2	1000	600	glass wool	50	12	3000	41	40	37	34,0	(R)EI60	-
C50/PWA-37,5/Cicha	Cicha	3x12,5	DFH1IR	1000	600	glass wool	50	12	3000	51 ³⁾	50	48	42,0	(R)EI60	●
C50/PWA-37,5/Twarda	Twarda	3x12,5	DEFH1IR	1000	600	glass wool	50	12	3000	50 ³⁾	50	47	42,0	(R)EI60	●
C50/PWA-37,5/Hydro	Hydro	3x12,5	GMFH1I	1000	600	glass wool	50	12	3000	41	40	37	36,0	(R)EI60	●
C50/PWA-45/Ogień+ ²⁾	Ogień Plus	3x15,0	DF	1000	600	glass wool	50	12	3000	41	40	37	43,0	(R)EI120	-
C50/PWA-45/WodaOgień+ ²⁾	Woda Ogień Plus	3x15,0	DFH2	1000	600	glass wool	50	12	3000	41	40	37	43,0	(R)EI120	-

¹⁾ European Technical Assessment ETA 15/0301.

²⁾ Within the systems for the fire resistance (R)EI120 and 3x15,0 mm configuration replacement of board types is not possible.

³⁾ Acoustic insulation is calculated on the basis of simulations run with utilisation of the INSUL program for the following arrangement: plasterboard sheathing + rigid wall of aerated concrete blocks, thickness 11.5 cm, density 600 kg/m³.

CONSUMPTION OF MATERIALS PER 1M² FOR THE ANCHORED WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk						
		C50/PWA-37,5/Ogień+	C50/PWA-37,5/WodaOgień+	C50/PWA-37,5/Cicha	C50/PWA-37,5/Twarda	C50/PWA-37,5/Hydro	C50/PWA-45/Ogień+	C50/PWA-45/WodaOgień+
		Consumption of material per 1m²						
Nida Ogień Plus 12.5 mm plasterboard	m²	3,0	-	-	-	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m²	-	3,0	-	-	-	-	-
Nida Cicha 12.5 mm plasterboard	m²	-	-	3,0	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m²	-	-	-	3,0	-	-	-
Nida Hydro 12.5 mm plasterboard	m²	-	-	-	-	3,0	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	3,0	-
Nida Woda Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	3,0
Nida C50 profile	lm	2,0	2,0	2,0	2,0	2,0	2,0	2,0
Nida U50 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida PWA50 vibro-acoustic lacing	pcs.	1,1	1,1	1,1	1,1	1,1	1,1	1,1
Anchoring element ⁴⁾	pcs.	2,9	2,9	2,9	2,9	2,9	2,9	2,9
Nida 3.5x25 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	4,0	4,0
Nida 3.5x35 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	7,0	7,0	7,0	7,0	7,0	11,0	11,0
Nida 3.5x55 mm sheet metal screws	pcs.	12,0	12,0	-	-	-	-	-
Nida 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	-	12,0	12,0
FixDens 4.2x25 mm screws	pcs.	-	-	4,0	4,0	-	-	-
FixDens 4.2x42 mm screws	pcs.	-	-	4,0	4,0	-	-	-
FixDens 4.2x60 mm screws	pcs.	-	-	12,0	12,0	-	-	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-
Nida Hydro C5 3.5x55 mm sheet metal screws	pcs.	-	-	-	-	12,0	-	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida Start gypsum putty	kg	0,9	0,9	0,9	-	-	0,9	0,9
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	-	-
Mineral wool ⁶⁾	m²	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 substrate type and the total mass 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 Tynk



Fire resistance class:
**(R)EI90
(R)EI120**



Maximum acoustic insulation:
51 dB



Maximum encasement height:
3000 mm



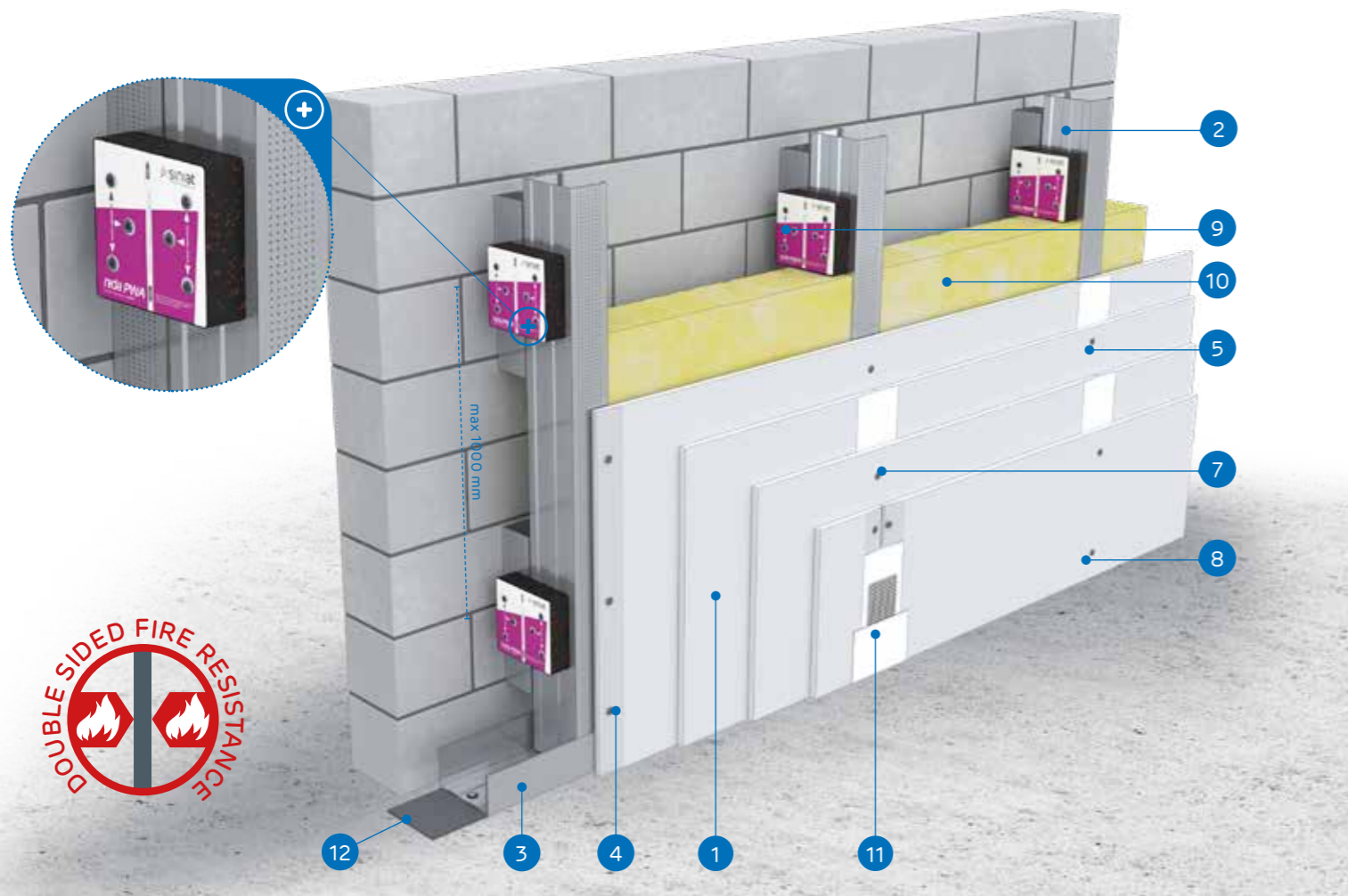
Weight of 1m² of encasement:
44,0-66,0 kg



Number of related document:
ETA 15/0301

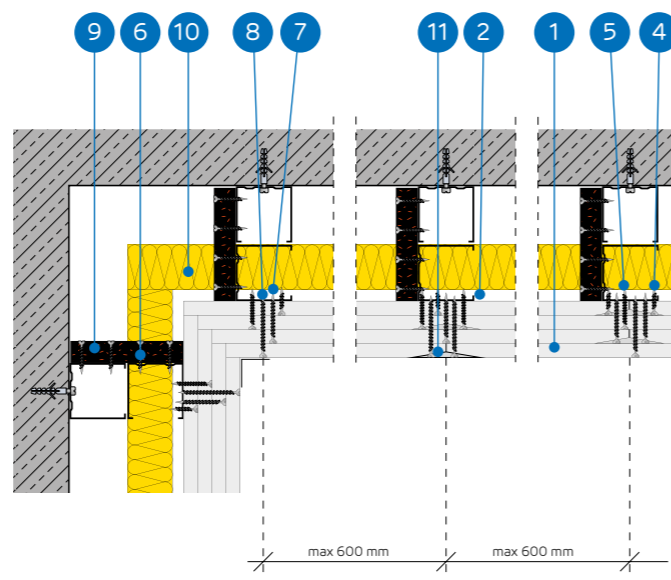
Declaration of Performance:
DoP/Separate Lining System/0012/15.11.2016

SYSTEMS:
C50/PWA-50; C50/PWA-55; C50/PWA-60



MATERIALS:

1. Nida plasterboard
2. Nida C50 profile
3. Nida U50 profile
4. Nida 3.5x25 mm sheet metal screws
5. Nida 3.5x35 mm sheet metal screws
6. Nida 3.5x45 mm sheet metal screws
7. Nida 3.5x55 mm sheet metal screws
8. Nida 4.2x70 mm sheet metal screws
9. Nida PWA50 vibro-acoustic lacing
10. Insulation material mineral wool (optional)
11. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
12. Self-adhesive tape with lead



THE SYSTEM OF WALL CLADDING ANCHORED TO THE NIDA C50 LOAD-BEARING STRUCTURE (NIDA PWA)

TECHNICAL PARAMETERS

Nida Tynk system name ¹⁾	Sheathing of plasterboards			Load-bearing structure		Insulation material			Maximum height	Acoustic insulation			Weight of 1m ² of encasement	Fire resistance class	Special system
	Nida	Thickness [mm]	Marking acc. to standard	Spacing of the Nida PWA50 vibro-acoustic lacing [mm]	Spacing of the Nida C50 profiles [mm]	Within the range of the acoustic insulation				Rw [dB]	Ra1 [dB]	Ra2 [dB]			
						Mineral wool	Thickness [mm]	Density [kg/m ³]							
C50/PWA-50/Ogień+	Ogień Plus	4x12,5	DF	1000	600	glass wool	50	14	3000	41	40	38	44,0	(R)EI90	-
C50/PWA-50/WodaOgień+	Woda Ogień Plus	4x12,5	DFH2	1000	600	glass wool	50	14	3000	41	40	38	44,0	(R)EI90	-
C50/PWA-50/Cicha	Cicha	4x12,5	DFH1IR	1000	600	glass wool	50	14	3000	51 ²⁾	51	49	55,0	(R)EI90	●
C50/PWA-50/Twarda	Twarda	4x12,5	DEFH1IR	1000	600	glass wool	50	14	3000	51 ²⁾	50	48	55,0	(R)EI90	●
C50/PWA-50/Hydro	Hydro	4x12,5	GMFH1I	1000	600	glass wool	50	14	3000	41	40	38	47,0	(R)EI90	●
C50/PWA-55/Ogień+	Ogień Plus	2x12,5+2x15,0	DF	1000	600	glass wool	50	14	3000	41	40	38	51,0	(R)EI120	●
C50/PWA-55/Twarda	Twarda	2x12,5+2x15,0	DEFH1IR	1000	600	glass wool	50	14	3000	51 ²⁾	50	48	60,0	(R)EI120	●
C50/PWA-55/Hydro	Hydro	2x12,5+2x15,0	GMFH1I	1000	600	glass wool	50	14	3000	41	40	38	52,0	(R)EI120	●
C50/PWA-60/Ogień+	Ogień Plus	4x15,0	DF	1000	600	glass wool	50	14	3000	42	41	39	58,0	(R)EI120	-
C50/PWA-60/Twarda	Twarda	4x15,0	DEFH1IR	1000	600	glass wool	50	14	3000	51 ²⁾	50	48	66,0	(R)EI120	●
C50/PWA-60/Hydro	Hydro	4x15,0	GMFH1I	1000	600	glass wool	50	14	3000	42	41	39	58,0	(R)EI120	●

¹⁾ European Technical Assessment ETA 15/0301.

²⁾ Acoustic insulation is calculated on the basis of simulations run with utilisation of the INSUL program for the following arrangement: plasterboard sheathing + rigid wall of aerated concrete blocks, thickness 11.5 cm, density 600 kg/m³.

CONSUMPTION OF MATERIALS PER 1M² FOR THE ANCHORED WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk											
		C50/PWA-50/Ogień+	C50/PWA-50/WodaOgień+	C50/PWA-50/Cicha	C50/PWA-50/Twarda	C50/PWA-50/Hydro	C50/PWA-55/Ogień+	C50/PWA-55/Twarda	C50/PWA-55/Hydro	C50/PWA-60/Ogień+	C50/PWA-60/Twarda	C50/PWA-60/Hydro	
		Consumption of material per 1m ²											
Nida Ogień Plus 12.5 mm plasterboard	m ²	4,0	-	-	-	-	2,0	-	-	-	-	-	
Nida Woda Ogień Plus 12.5 mm plasterboard	m ²	-	4,0	-	-	-	-	-	-	-	-	-	
Nida Cicha 12.5 mm plasterboard	m ²	-	-	4,0	-	-	-	-	-	-	-	-	
Nida Twarda 12.5 mm plasterboard	m ²	-	-	-	4,0	-	-	2,0	-	-	-	-	
Nida Hydro 12.5 mm plasterboard	m ²	-	-	-	-	4,0	-	-	2,0	-	-	-	
Nida Ogień Plus 15.0 mm plasterboard	m ²	-	-	-	-	-	2,0	-	-	4,0	-	-	
Nida Twarda 15.0 mm plasterboard	m ²	-	-	-	-	-	-	2,0	-	-	4,0	-	
Nida Hydro 15.0 mm plasterboard	m ²	-	-	-	-	-	-	-	2,0	-	-	4,0	
Nida C50 profile	lm	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0	
Nida U50 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	
Nida PWA50 vibro-acoustic lacing	pcs.	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1	
Anchoring element ³⁾	pcs.	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9	
Nida 3.5x25 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	4,0	-	-	4,0	-	-	
Nida 3.5x35 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	-	-	-	-	-	-	
Nida 3.5x45 mm sheet metal screws	pcs.	7,0	7,0	7,0	7,0	7,0	11,0	7,0	11,0	7,0	7,0	7,0	
Nida 3.5x55 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	4,0	-	-	4,0	-	-	
Nida 4.2x70 mm sheet metal screws	pcs.	12,0	12,0	-	-	-	12,0	-	-	12,0	-	-	
FixDens 4.2x25 mm screws	pcs.	-	-	4,0	4,0	-	-	4,0	-	-	4,0	-	
FixDens 4.2x42 mm screws	pcs.	-	-	4,0	4,0	-	-	4,0	-	-	4,0	-	
FixDens 4.2x60 mm screws	pcs.	-	-	4,0	4,0	-	-	4,0	-	-	4,0	-	
FixDens 4.5x80 mm screws	pcs.	-	-	12,0	12,0	-	-	12,0	-	-	12,0	-	
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0	
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0	
Nida Hydro C5 3.5x55 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0	
Nida Hydro C5 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	12,0	-	-	12,0	-	-	12,0	
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	
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	
Nida Start gypsum putty	kg	1,2	1,2	1,2	-	-	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 ⁴⁾	kg	-	-	-	1,3	1,3	-	1,3	1,3	-	1,3	1,3	
Mineral wool ⁵⁾	m ²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	

³⁾ The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.

⁴⁾ For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.

⁵⁾ Application acc. to the requirements

The standards concerning the amount of utilised material do not cover the loss of the material.



nida Tynk

Fire resistance class:
**(R)EI15
(R)EI30**

Maximum acoustic insulation:
50 dB

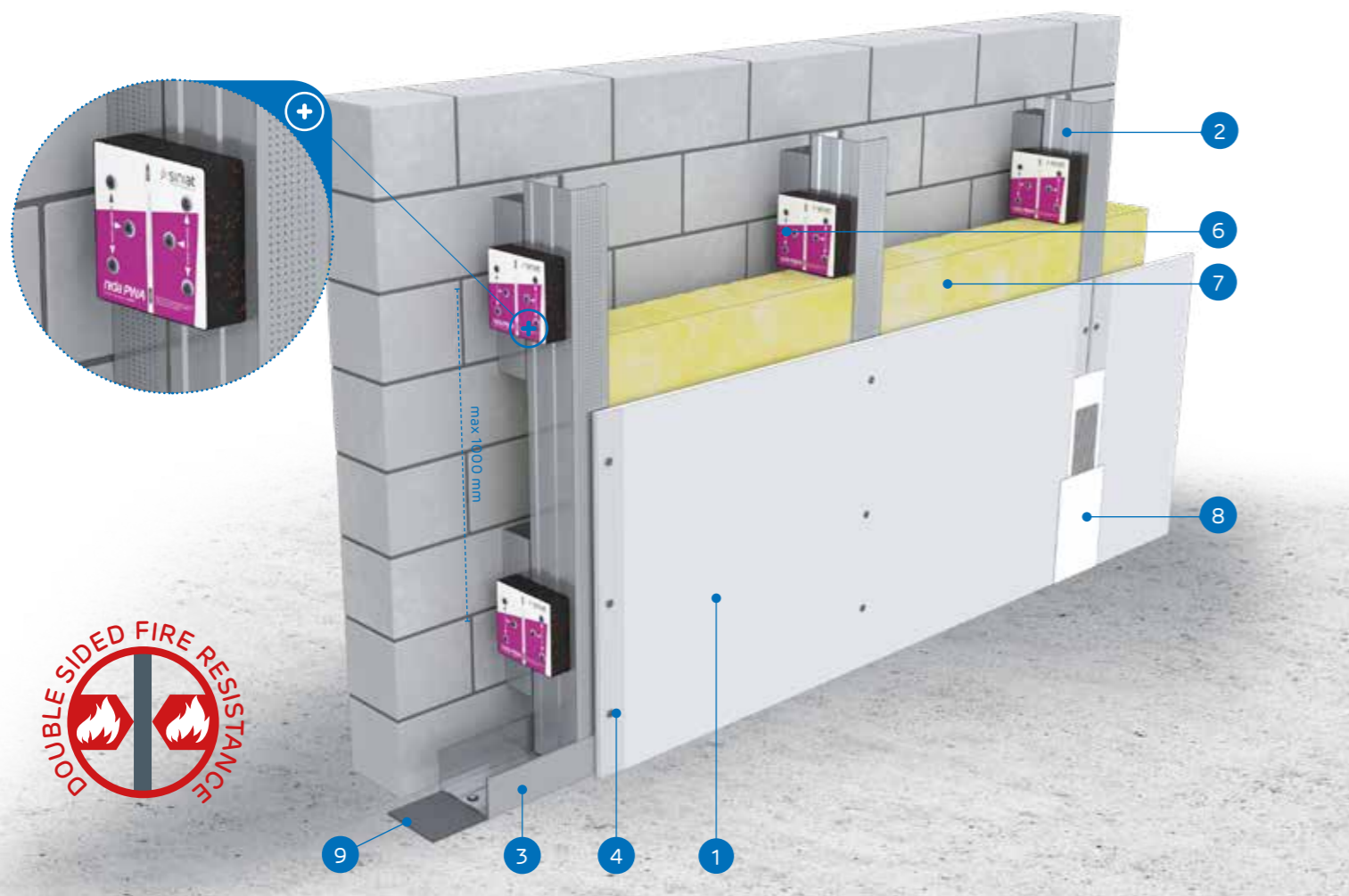
Maximum encasement height:
3000 mm

Weight of 1m² of encasement:
12,0-18,0 kg

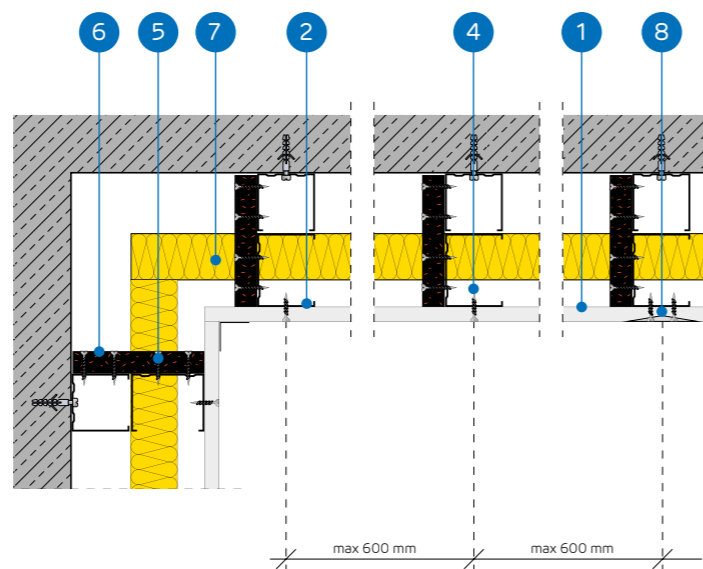
Number of related document:
ETA 15/0301

Declaration of Performance:
DoP/Separate Lining System/0012/15.11.2016

SYSTEMS:
C75/PWA-12,5; C75/PWA-18



- MATERIALS:**
- Nida plasterboard
 - Nida C75 profile
 - Nida U75 profile
 - Nida 3.5x25 mm sheet metal screws
 - Nida 3.5x45 mm sheet metal screws
 - Nida PWA75 vibro-acoustic lacing
 - Insulation material mineral wool (optional)
 - The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
 - Self-adhesive tape with lead



THE SYSTEM OF WALL CLADDING ANCHORED TO THE NIDA C75 LOAD-BEARING STRUCTURE (NIDA PWA)

TECHNICAL PARAMETERS

Nida Tynk system name ¹⁾	Sheathing of plasterboards			Load-bearing structure		Insulation material			Maximum height [mm]	Acoustic insulation			Weight of 1m ² of encasement [kg]	Fire resistance class [min]	Special system
	Nida	Thickness [mm]	Marking acc. to standard	Spacing of the Nida PWA75 vibro-acoustic lacing [mm]	Spacing of the Nida C75 profiles [mm]	Within the range of the acoustic insulation				Rw [dB]	Ra1 [dB]	Ra2 [dB]			
						Mineral wool	Thickness [mm]	Density [kg/m ³]							
C75/PWA-12,5/Expert	Expert	12,5	A	1000	600	glass wool	50	12	3000	34	32	28	12,0	-	-
C75/PWA-12,5/Woda ²⁾	Woda	12,5	H2	1000	600	glass wool	50	12	3000	34	32	28	12,0	-	-
C75/PWA-12,5/Ogień+	Ogień Plus	12,5	DF	1000	600	glass wool	50	12	3000	36	34	30	14,0	(R)EI15	-
C75/PWA-12,5/WodaOgień+	Woda Ogień Plus	12,5	DFH2	1000	600	glass wool	50	12	3000	36	34	30	14,0	(R)EI15	-
C75/PWA-12,5/Cicha	Cicha	12,5	DFH1IR	1000	600	glass wool	75	12	3000	50 ³⁾	49	46	17,0	(R)EI15	●
C75/PWA-12,5/Twarda	Twarda	12,5	DEFH1IR	1000	600	glass wool	75	12	3000	49 ³⁾	48	45	17,0	(R)EI15	●
C75/PWA-12,5/Hydro	Hydro	12,5	GMFH1I	1000	600	glass wool	50	12	3000	36	34	30	15,0	(R)EI15	●
C75/PWA-18/Ogień+	Ogień Plus	18,0	DF	1000	600	glass wool	50	12	3000	37	36	32	18,0	(R)EI30	-

¹⁾ European Technical Assessment ETA 15/0301.

²⁾ 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.)

³⁾ Acoustic insulation is calculated on the basis of simulations run with utilisation of the INSUL program for the following arrangement: plasterboard sheathing + rigid wall of aerated concrete blocks, thickness 11.5 cm, density 600 kg/m³.

CONSUMPTION OF MATERIALS PER 1M² FOR THE ANCHORED WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk							
		C75/PWA-12,5/Expert	C75/PWA-12,5/Woda	C75/PWA-12,5/Ogień+	C75/PWA-12,5/WodaOgień+	C75/PWA-12,5/Cicha	C75/PWA-12,5/Twarda	C75/PWA-12,5/Hydro	C75/PWA-18/Ogień+
		Consumption of material per 1m ²							
Nida Expert 12.5 mm plasterboard	m ²	1,0	-	-	-	-	-	-	-
Nida Woda 12.5 mm plasterboard	m ²	-	1,0	-	-	-	-	-	-
Nida Ogień Plus 12.5 mm plasterboard	m ²	-	-	1,0	-	-	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m ²	-	-	-	1,0	-	-	-	-
Nida Cicha 12.5 mm plasterboard	m ²	-	-	-	-	1,0	-	-	-
Nida Twarda 12.5 mm plasterboard	m ²	-	-	-	-	-	1,0	-	-
Nida Hydro 12.5 mm plasterboard	m ²	-	-	-	-	-	-	1,0	-
Nida Ogień Plus 18.0 mm plasterboard	m ²	-	-	-	-	-	-	-	1,0
Nida C75 profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida C50 profile ⁴⁾	lm	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2
Nida U75 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida PWA75 vibro-acoustic lacing	pcs.	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1
Anchoring element ⁵⁾	pcs.	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9
Nida 3.5x25 mm sheet metal screws	pcs.	12,0	12,0	12,0	12,0	-	-	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	12,0
Nida 3.5x45 mm sheet metal screws	pcs.	7,0	7,0	7,0	7,0	7,0	7,0	7,0	7,0
FixDens 4.2x25 mm screws	pcs.	-	-	-	-	12,0	12,0	-	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	-	12,0	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
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	-
Mineral wool ⁷⁾	m ²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

⁴⁾ Nida C50 - connecting profile.

⁵⁾ The type of the anchoring element should be selected individually adequately for the substrate type and the total mass 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 Tynk



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



Maximum acoustic insulation:
50 dB



Maximum encasement height:
4000 mm



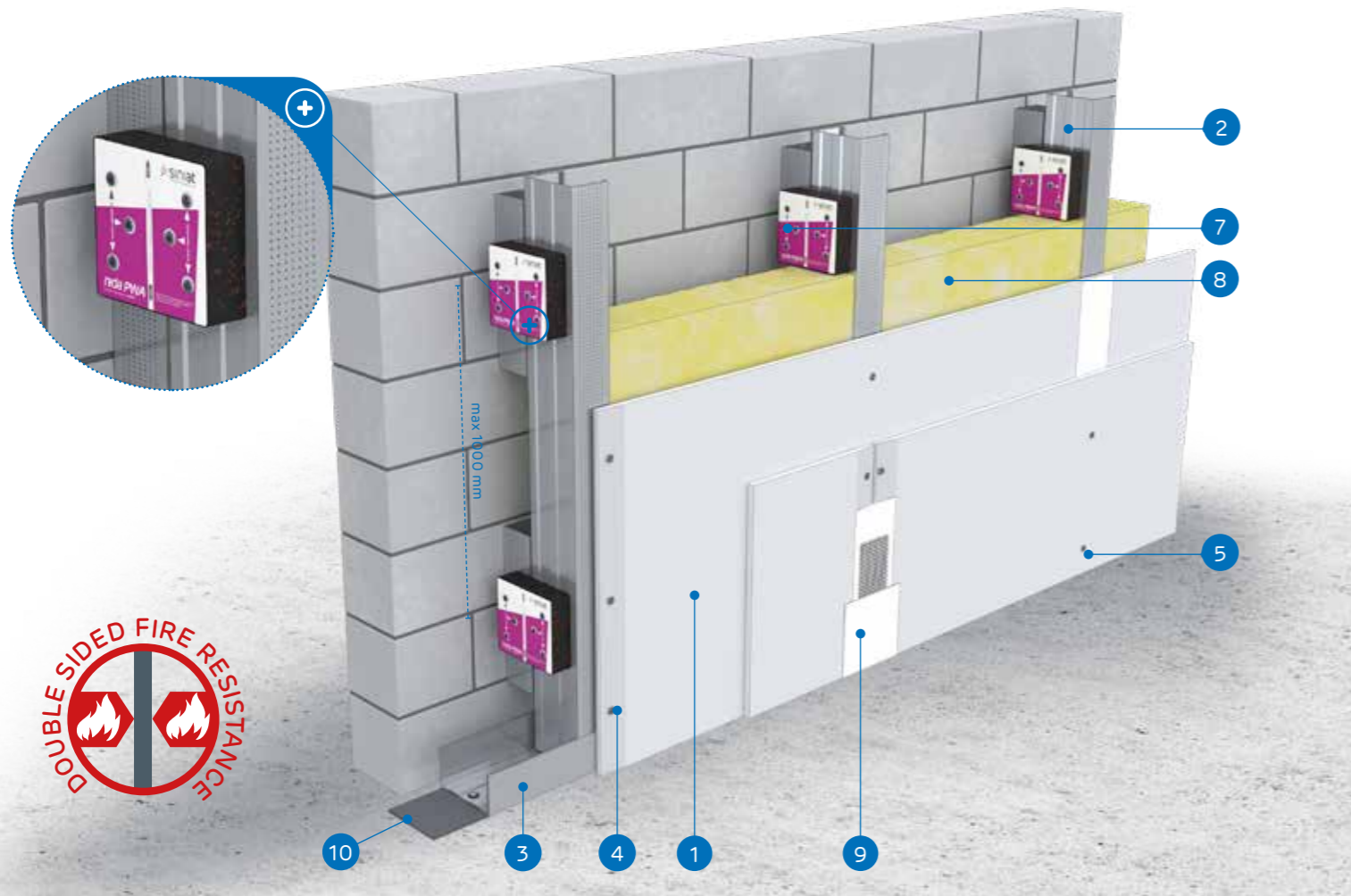
Weight of 1m² of encasement:
20,0-34,0 kg



Number of related document:
ETA 15/0301

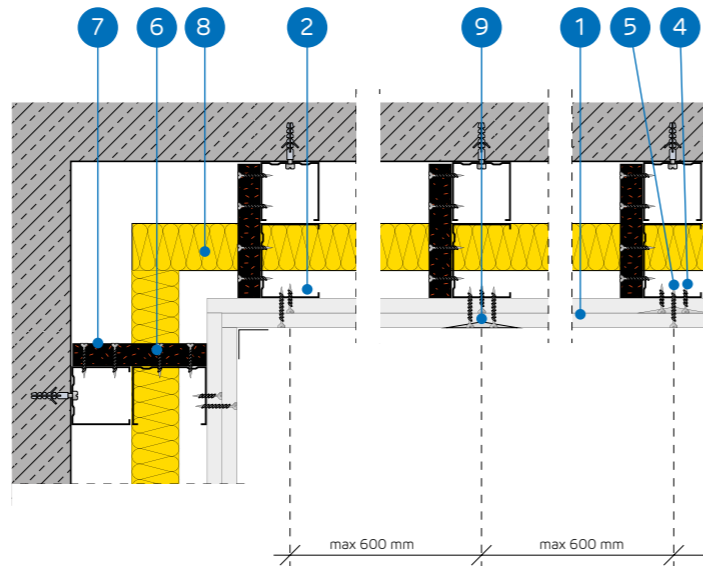
Declaration of Performance:
DoP/Separate Lining System/0012/15.11.2016

SYSTEMS:
C75/PWA-25; C75/PWA-27,5; C75/PWA-30



MATERIALS:

1. Nida plasterboard
2. Nida C75 profile
3. Nida U75 profile
4. Nida 3.5x25 mm sheet metal screws
5. Nida 3.5x35 mm sheet metal screws
6. Nida 3.5x45 mm sheet metal screws
7. Nida PWA75 vibro-acoustic lacing
8. Insulation material mineral wool (optional)
9. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
10. Self-adhesive tape with lead



THE SYSTEM OF WALL CLADDING ANCHORED TO THE NIDA C75 LOAD-BEARING STRUCTURE (NIDA PWA)

TECHNICAL PARAMETERS

Nida Tynk system name ¹⁾	Sheathing of plasterboards			Load-bearing structure		Insulation material			Maximum height [mm]	Acoustic insulation			Weight of 1m ² of encasement [kg]	Fire resistance class [min]	Special system
	Nida	Thickness [mm]	Marking acc. to standard	Spacing of the Nida PWA75 vibro-acoustic lacing [mm]	Spacing of the Nida C75 profiles [mm]	Within the range of the acoustic insulation				Rw [dB]	Ra1 [dB]	Ra2 [dB]			
C75/PWA-25/Expert	Expert	2x12,5	A	1000	600	glass wool	50	12	4000	37	35	31	20,0	-	-
C75/PWA-25/Woda ²⁾	Woda	2x12,5	H2	1000	600	glass wool	50	12	4000	37	35	31	20,0	-	-
C75/PWA-25/OgieńTypF	Ogień Typ F	2x12,5	F	1000	600	glass wool	50	12	4000	37	35	31	20,0	(R)EI30	-
C75/PWA-25/Ogień+	Ogień Plus	2x12,5	DF	1000	600	glass wool	50	12	4000	40	38	35	24,0	(R)EI30	-
C75/PWA-25/WodaOgień+	Woda Ogień Plus	2x12,5	DFH2	1000	600	glass wool	50	12	4000	40	38	35	24,0	(R)EI30	-
C75/PWA-25/Cicha ³⁾	Cicha	2x12,5	DFH1IR	1000	600	glass wool	75	12	4000	50 ⁴⁾	50	48	29,0	(R)EI30	●
C75/PWA-25/Twarda	Twarda	2x12,5	DEFH1IR	1000	600	glass wool	75	12	4000	50 ⁴⁾	49	47	29,0	(R)EI30	●
C75/PWA-25/Hydro	Hydro	2x12,5	GMFH1I	1000	600	glass wool	50	12	4000	40	38	35	25,0	(R)EI30	●
C75/PWA-27,5/Ogień+ ³⁾	Ogień Plus	1x12,5+1x15,0	DF	1000	600	glass wool	50	12	4000	40	38	35	27,0	(R)EI60	-
C75/PWA-30/Ogień+	Ogień Plus	2x15,0	DF	1000	600	glass wool	50	12	4000	41	40	37	31,0	(R)EI60	-
C75/PWA-30/Twarda	Twarda	2x15,0	DEFH1IR	1000	600	glass wool	75	12	4000	49 ⁴⁾	49	47	34,0	(R)EI60	●
C75/PWA-30/Hydro	Hydro	2x15,0	GMFH1I	1000	600	glass wool	50	12	4000	41	40	37	31,0	(R)EI60	●

¹⁾ European Technical Assessment ETA 15/0301.

²⁾ 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.)

³⁾ 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.

⁴⁾ Acoustic insulation is calculated on the basis of simulations run with utilisation of the INSUL program for the following arrangement: plasterboard sheathing + rigid wall of aerated concrete blocks, thickness 11.5 cm, density 600 kg/m³.

CONSUMPTION OF MATERIALS PER 1M² FOR THE ANCHORED WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk											
		C75/PWA-25/Expert	C75/PWA-25/Woda	C75/PWA-25/OgieńTypF	C75/PWA-25/Ogień+	C75/PWA-25/WodaOgień+	C75/PWA-25/Cicha	C75/PWA-25/Twarda	C75/PWA-25/Hydro	C75/PWA-27,5/Ogień+	C75/PWA-30/Ogień+	C75/PWA-30/Twarda	C75/PWA-30/Hydro
Consumption of material per 1m ²													
Nida Expert 12.5 mm plasterboard	m ²	2,0	-	-	-	-	-	-	-	-	-	-	-
Nida Woda 12.5 mm plasterboard	m ²	-	2,0	-	-	-	-	-	-	-	-	-	-
Nida Ogień Type F 12,5 mm plasterboard	m ²	-	-	2,0	-	-	-	-	-	-	-	-	-
Nida Ogień Plus 12.5 mm plasterboard	m ²	-	-	-	2,0	-	-	-	1,0	-	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m ²	-	-	-	-	2,0	-	-	-	-	-	-	-
Nida Cicha 12.5 mm plasterboard	m ²	-	-	-	-	-	2,0	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m ²	-	-	-	-	-	-	2,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m ²	-	-	-	-	-	-	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m ²	-	-	-	-	-	-	-	-	2,0	-	-	-
Nida Twarda 15.0 mm plasterboard	m ²	-	-	-	-	-	-	-	-	-	2,0	-	-
Nida Hydro 15.0 mm plasterboard	m ²	-	-	-	-	-	-	-	-	-	-	2,0	-
Nida C75 profile	lm	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 C50 profile ⁵⁾	lm	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2
Nida U75 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida PWA75 vibro-acoustic lacing	pcs.	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1
Anchoring element ⁶⁾	pcs.	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9
Nida 3.5x25 mm sheet metal screws	pcs.	4,0	4,0	4,0	4,0	4,0	-	-	-	4,0	4,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	12,0	12,0	12,0	12,0	12,0	-	-	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	7,0	7,0	7,0	7,0	7,0	7,0	7,0	19,0	19,0	7,0	7,0	7,0
FixDens 4.2x25 mm screws	pcs.	-	-	-	-	-	4,0	4,0	-	-	-	4,0	-
FixDens 4.2x42 mm screws	pcs.	-	-	-	-	-	12,0	12,0	-	-	-	12,0	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	4,0	-	-	-	4,0
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	12,0	-	-	12,0
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
Acoustic insulation tape	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 Start gypsum putty	kg	0,6	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	0,1	-	-
Nida Hydromix ready-to-use joint filler ⁷⁾	kg	-	-	-	-	-	-	0,7	0,7	-	-	-	0,7
Mineral wool ⁸⁾	m ²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

⁵⁾ Nida C50 - connecting profile.

⁶⁾ The type of the anchoring element should be selected individually adequately for the substrate type and the total mass 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 Tynk

Fire resistance class:
**(R)EI60
(R)EI120**

Maximum acoustic insulation:
51 dB

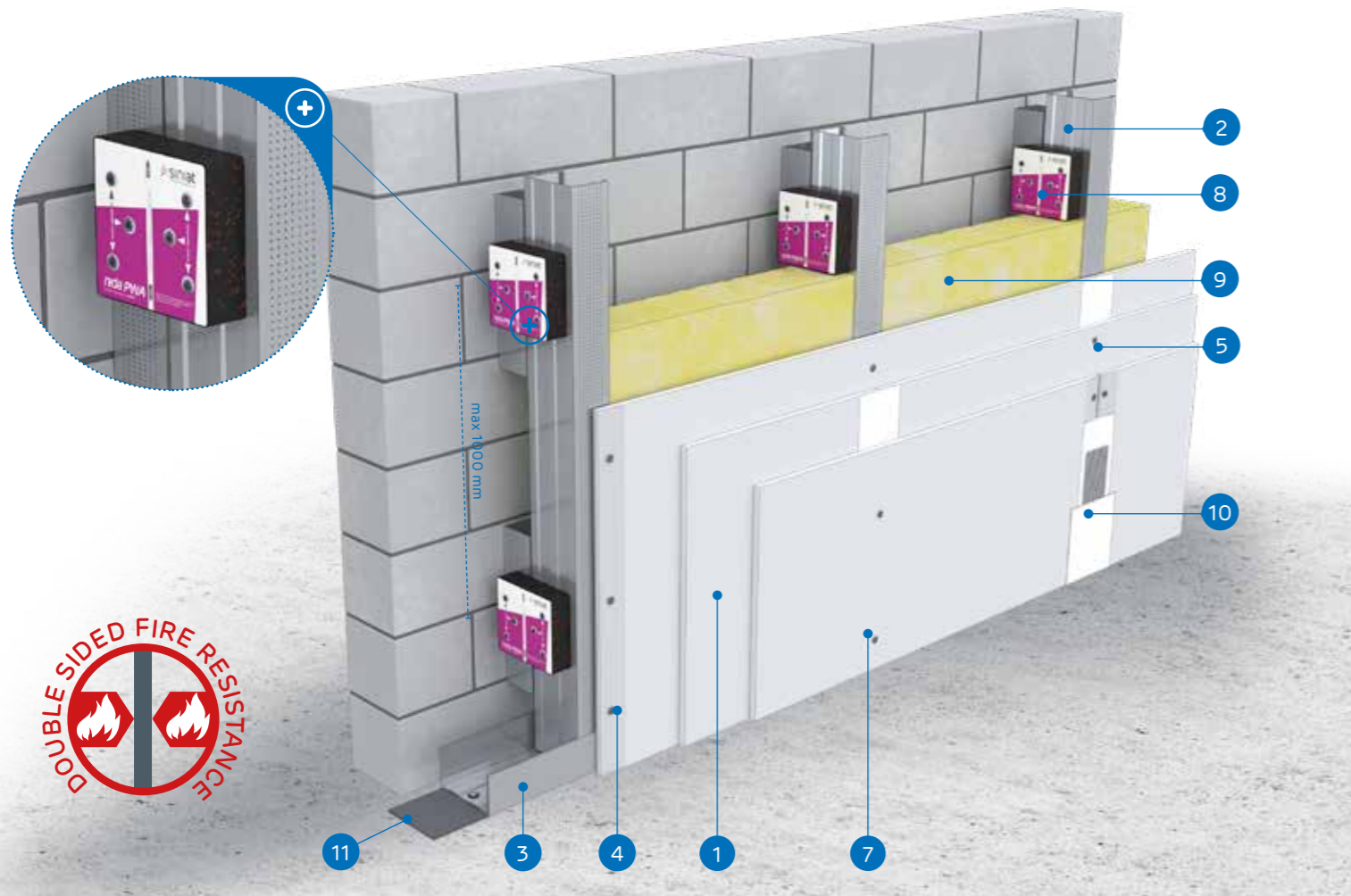
Maximum encasement height:
4000 mm

Weight of 1m² of encasement:
34,0-44,0 kg

Number of related document:
ETA 15/0301

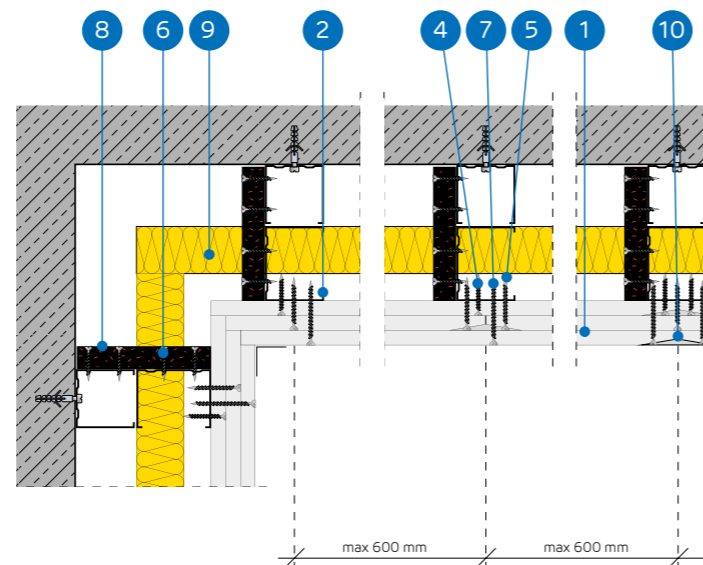
Declaration of Performance:
DoP/Separate Lining System/0012/15.11.2016

SYSTEMS:
C75/PWA-37,5; C75/PWA-45



MATERIALS:

1. Nida plasterboard
2. Nida C75 profile
3. Nida U75 profile
4. Nida 3.5x25 mm sheet metal screws
5. Nida 3.5x35 mm sheet metal screws
6. Nida 3.5x45 mm sheet metal screws
7. Nida 3.5x55 mm sheet metal screws
8. Nida PWA75 vibro-acoustic lacing
9. Insulation material mineral wool (optional)
10. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
11. Self-adhesive tape with lead



THE SYSTEM OF WALL CLADDING ANCHORED TO THE NIDA C75 LOAD-BEARING STRUCTURE (NIDA PWA)

TECHNICAL PARAMETERS

Nida Tynk system name ¹⁾	Sheathing of plasterboards			Load-bearing structure		Insulation material			Maximum height	Acoustic insulation			Weight of 1m ² of encasement	Fire resistance class	Special system
	Nida	Thickness [mm]	Marking acc. to standard	Spacing of the Nida PWA75 vibro-acoustic lacing [mm]	Spacing of the Nida C75 profiles [mm]	Within the range of the acoustic insulation				Rw [dB]	Ra1 [dB]	Ra2 [dB]			
						Mineral wool	Thickness [mm]	Density [kg/m ³]							
C75/PWA-37,5/Ogień+	Ogień Plus	3x12,5	DF	1000	600	glass wool	50	12	4000	41	40	37	34,0	(R)EI60	-
C75/PWA-37,5/WodaOgień+	Woda Ogień Plus	3x12,5	DFH2	1000	600	glass wool	50	12	4000	41	40	37	34,0	(R)EI60	-
C75/PWA-37,5/Cicha	Cicha	3x12,5	DFH1IR	1000	600	glass wool	75	12	4000	51 ³⁾	50	48	42,0	(R)EI60	•
C75/PWA-37,5/Twarda	Twarda	3x12,5	DEFH1IR	1000	600	glass wool	75	12	4000	50 ³⁾	50	48	42,0	(R)EI60	•
C75/PWA-37,5/Hydro	Hydro	3x12,5	GMFH1I	1000	600	glass wool	50	12	4000	41	40	37	36,0	(R)EI60	•
C75/PWA-45/Ogień+ ²⁾	Ogień Plus	3x15,0	DF	1000	600	glass wool	50	12	4000	41	40	37	44,0	(R)EI120	-
C75/PWA-45/WodaOgień+ ²⁾	Woda Ogień Plus	3x15,0	DFH2	1000	600	glass wool	50	12	4000	41	40	37	44,0	(R)EI120	-

¹⁾ European Technical Assessment ETA 15/0301.

²⁾ Within the systems for the fire resistance (R)EI120 and 3x15.0 mm configuration replacement of board types is not possible.

³⁾ Acoustic insulation is calculated on the basis of simulations run with utilisation of the INSUL program for the following arrangement: plasterboard sheathing + rigid wall of aerated concrete blocks, thickness 11.5 cm, density 600 kg/m³.

CONSUMPTION OF MATERIALS PER 1M² FOR THE ANCHORED WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk						
		C75/PWA-37,5/Ogień+	C75/PWA-37,5/WodaOgień+	C75/PWA-37,5/Cicha	C75/PWA-37,5/Twarda	C75/PWA-37,5/Hydro	C75/PWA-45/Ogień+	C75/PWA-45/WodaOgień+
Consumption of material per 1m ²								
Nida Ogień Plus 12.5 mm plasterboard	m ²	3,0	-	-	-	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m ²	-	3,0	-	-	-	-	-
Nida Cicha 12.5 mm plasterboard	m ²	-	-	3,0	3,0	-	-	-
Nida Twarda 12.5 mm plasterboard	m ²	-	-	3,0	3,0	-	-	-
Nida Hydro 12.5 mm plasterboard	m ²	-	-	-	-	3,0	-	-
Nida Ogień Plus 15.0 mm plasterboard	m ²	-	-	-	-	-	3,0	-
Nida Woda Ogień Plus 15.0 mm plasterboard	m ²	-	-	-	-	-	-	3,0
Nida C75 profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida C50 profile ⁴⁾	lm	0,2	0,2	0,2	0,2	0,2	0,2	0,2
Nida U75 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida PWA75 vibro-acoustic lacing	pcs.	1,1	1,1	1,1	1,1	1,1	1,1	1,1
Anchoring element ⁵⁾	pcs.	2,9	2,9	2,9	2,9	2,9	2,9	2,9
Nida 3.5x25 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	4,0	4,0
Nida 3.5x35 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	7,0	7,0	7,0	7,0	7,0	11,0	11,0
Nida 3.5x55 mm sheet metal screws	pcs.	12,0	12,0	-	-	-	-	-
Nida 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	-	12,0	12,0
FixDens 4.2x25 mm screws	pcs.	-	-	4,0	4,0	-	-	-
FixDens 4.2x42 mm screws	pcs.	-	-	4,0	4,0	-	-	-
FixDens 4.2x60 mm screws	pcs.	-	-	12,0	12,0	-	-	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-
Nida Hydro C5 3.5x55 mm sheet metal screws	pcs.	-	-	-	-	12,0	-	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida Start gypsum putty	kg	0,9	0,9	0,9	-	-	0,9	0,9
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	-	1,3
Mineral wool ⁷⁾	m ²	1,0	1,0	1,0	1,0	1,0	1,0	1,0

⁴⁾ Nida C50 - connecting profile.

⁵⁾ The type of the anchoring element should be selected individually adequately for the substrate type and the total mass 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 Tynk



Fire resistance class:
(R)EI90
(R)EI120



Maximum acoustic insulation:
51 dB



Maximum encasement height:
4000 mm



Weight of 1m² of encasement:
44,0-66,0 kg

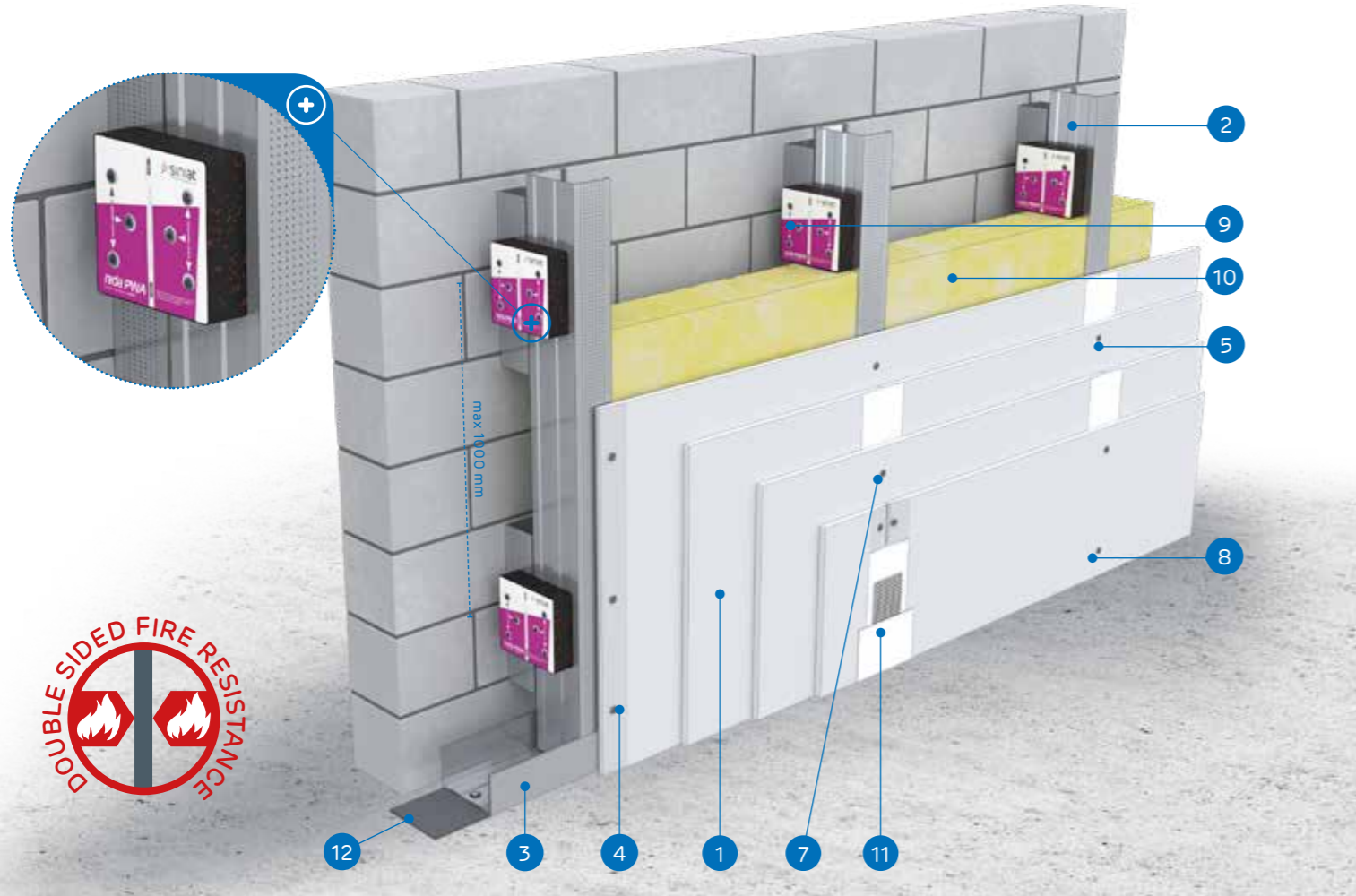


Number of related document:
ETA 15/0301

Declaration of Performance:
DoP/Separate Lining System/0012/15.11.2016

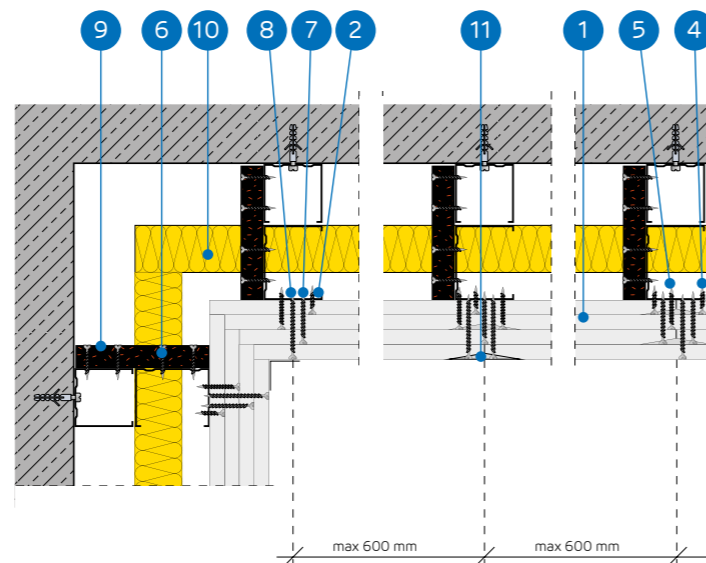
SYSTEMS:

C75/PWA-50; C75/PWA-55; C75/PWA-60



MATERIALS:

1. Nida plasterboard
2. Nida C75 profile
3. Nida U75 profile
4. Nida 3.5x25 mm sheet metal screws
5. Nida 3.5x35 mm sheet metal screws
6. Nida 3.5x45 mm sheet metal screws
7. Nida 3.5x55 mm sheet metal screws
8. Nida 4.2x70 mm sheet metal screws
9. Nida PWA75 vibro-acoustic lacing
10. Insulation material mineral wool (optional)
11. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
12. Self-adhesive tape with lead



THE SYSTEM OF WALL CLADDING ANCHORED TO THE NIDA C75 LOAD-BEARING STRUCTURE (NIDA PWA)

TECHNICAL PARAMETERS

Nida Tynk system name ¹⁾	Sheathing of plasterboards			Load-bearing structure		Insulation material			Maximum height [mm]	Acoustic insulation			Weight of 1m ² of encasement [kg]	Fire resistance class	Special system
	Nida	Thickness [mm]	Marking acc. to standard	Spacing of the Nida PWA75 vibro-acoustic lacing [mm]	Spacing of the Nida C75 profiles [mm]	Within the range of the acoustic insulation				Rw [dB]	Ra1 [dB]	Ra2 [dB]			
						Mineral wool	Thickness [mm]	Density [kg/m ³]							
C75/PWA-50/Ogień+	Ogień Plus	4x12,5	DF	1000	600	glass wool	75	14	4000	43	41	38	44,0	(R)EI90	-
C75/PWA-50/WodaOgień+	Woda Ogień Plus	4x12,5	DFH2	1000	600	glass wool	75	14	4000	43	41	38	44,0	(R)EI90	-
C75/PWA-50/Cicha	Cicha	4x12,5	DFH1IR	1000	600	glass wool	75	14	4000	51 ²⁾	51	49	55,0	(R)EI90	●
C75/PWA-50/Twarda	Twarda	4x12,5	DEFH1IR	1000	600	glass wool	75	14	4000	51 ²⁾	50	48	55,0	(R)EI90	●
C75/PWA-50/Hydro	Hydro	4x12,5	GMFH1I	1000	600	glass wool	75	14	4000	43	41	38	47,0	(R)EI90	●
C75/PWA-55/Ogień+	Ogień Plus	2x12,5+2x15,0	DF	1000	600	glass wool	75	14	4000	43	41	38	51,0	(R)EI120	-
C75/PWA-55/Twarda	Twarda	2x12,5+2x15,0	DEFH1IR	1000	600	glass wool	75	14	4000	51 ²⁾	50	48	60,0	(R)EI120	●
C75/PWA-55/Hydro	Hydro	2x12,5+2x15,0	GMFH1I	1000	600	glass wool	75	14	4000	43	41	38	52,0	(R)EI120	●
C75/PWA-60/Ogień+	Ogień Plus	4x15,0	DF	1000	600	glass wool	75	14	4000	44	42	40	58,0	(R)EI120	-
C75/PWA-60/Twarda	Twarda	4x15,0	DEFH1IR	1000	600	glass wool	75	14	4000	51 ²⁾	50	48	66,0	(R)EI120	●
C75/PWA-60/Hydro	Hydro	4x15,0	GMFH1I	1000	600	glass wool	75	14	4000	44	42	40	58,0	(R)EI120	●

¹⁾ European Technical Assessment ETA 15/0301.

²⁾ Acoustic insulation is calculated on the basis of simulations run with utilisation of the INSUL program for the following arrangement: plasterboard sheathing + rigid wall of aerated concrete blocks, thickness 11.5 cm, density 600 kg/m³.

CONSUMPTION OF MATERIALS PER 1M² FOR THE ANCHORED WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk										
		C75/PWA-50/Ogień+	C75/PWA-50/WodaOgień+	C75/PWA-50/Cichy	C75/PWA-50/Twarda	C75/PWA-50/Hydro	C75/PWA-55/Ogień+	C75/PWA-55/Twarda	C75/PWA-55/Hydro	C75/PWA-60/Ogień+	C75/PWA-60/Twarda	C75/PWA-60/Hydro
		Consumption of material per 1m ²										
Nida Ogień Plus 12.5 mm plasterboard	m ²	4,0	-	-	-	-	2,0	-	-	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m ²	-	4,0	-	-	-	-	-	-	-	-	-
Nida Cicha 12.5 mm plasterboard	m ²	-	-	4,0	-	-	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m ²	-	-	-	4,0	-	-	2,0	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m ²	-	-	-	-	4,0	-	-	2,0	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m ²	-	-	-	-	-	2,0	-	-	4,0	-	-
Nida Twarda 15.0 mm plasterboard	m ²	-	-	-	-	-	-	2,0	-	-	4,0	-
Nida Hydro 15.0 mm plasterboard	m ²	-	-	-	-	-	-	-	2,0	-	-	4,0
Nida C75 profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida C50 profile ³⁾	lm	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2
Nida U75 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida PWA75 vibro-acoustic lacing	pcs.	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1
Anchoring element ⁴⁾	pcs.	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9
Nida 3.5x25 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	4,0	-	-	4,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	-	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	7,0	7,0	7,0	7,0	7,0	11,0	7,0	7,0	11,0	7,0	7,0
Nida 3.5x55 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	4,0	-	-	4,0	-	-
Nida 4.2x70 mm sheet metal screws	pcs.	12,0	12,0	-	-	-	12,0	-	-	12,0	-	-
FixDens 4.2x25 mm screws	pcs.	-	-	4,0	4,0	-	-	4,0	-	-	4,0	-
FixDens 4.2x42 mm screws	pcs.	-	-	4,0	4,0	-	-	4,0	-	-	4,0	-
FixDens 4.2x60 mm screws	pcs.	-	-	4,0	4,0	-	-	4,0	-	-	4,0	-
FixDens 4.5x80 mm screws	pcs.	-	-	12,0	12,0	-	-	12,0	-	-	12,0	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	-	4,0	-	-	4,0	-	4,0
Nida Hydro C5 3.5x55 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Hydro C5 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	12,0	-	-	12,0	-	-	12,0
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
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida Start gypsum putty	kg	1,2	1,2	1,2	-	-	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	-	-	-	1,3	1,3	-	1,3	1,3	-	1,3	1,3
Mineral wool ⁶⁾	m ²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

³⁾ Nida C50 - connecting profile.

⁴⁾ The type of the anchoring element should be selected individually adequately for the substrate type and the total mass 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 Tynk



Fire resistance class:
**(R)EI15
(R)EI30**



Maximum acoustic insulation:
50 dB



Maximum encasement height:
4000 mm



Weight of 1m² of encasement:
13,0-19,0 kg

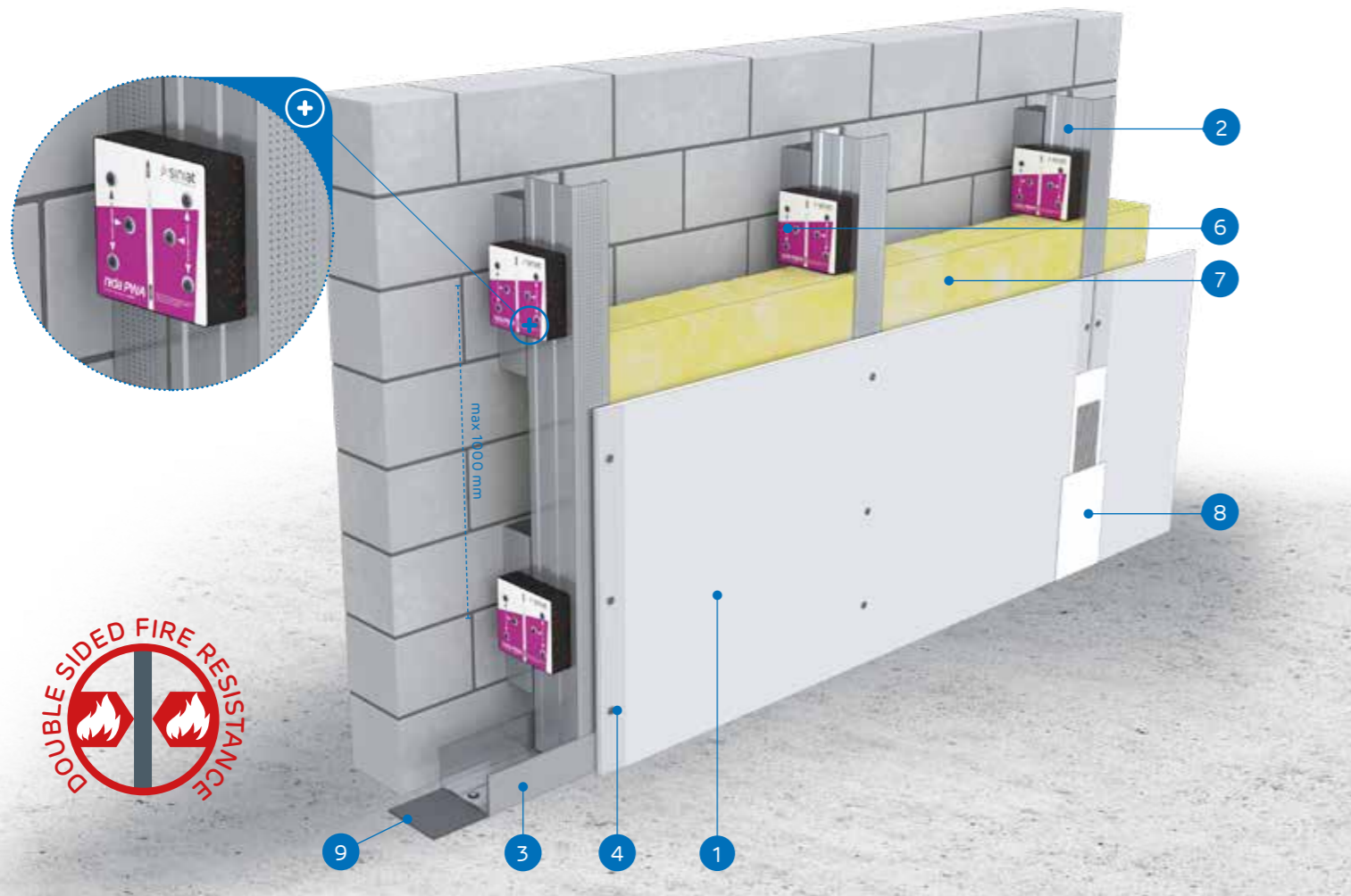


Number of related document:
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Declaration of Performance:
DoP/Separate Lining System/0012/15.11.2016

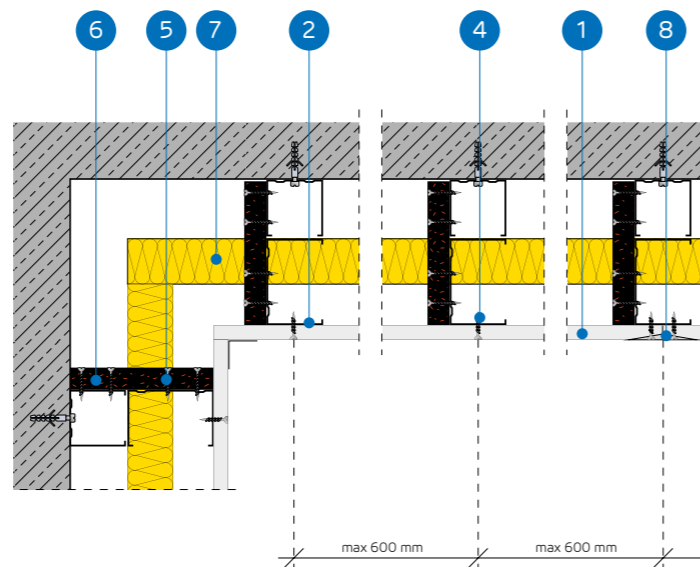
SYSTEMS:

C100/PWA-12,5; C100/PWA-18,0



MATERIALS:

1. Nida plasterboard
2. Nida C100 profile
3. Nida U100 profile
4. Nida 3.5x25 mm sheet metal screws
5. Nida 3.5x45 mm sheet metal screws
6. Nida PWA100 vibro-acoustic lacing
7. Insulation material mineral wool (optional)
8. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
9. Self-adhesive tape with lead



THE SYSTEM OF WALL CLADDING ANCHORED TO THE NIDA C100 LOAD-BEARING STRUCTURE (NIDA PWA)

TECHNICAL PARAMETERS

Nida Tynk system name ¹⁾	Sheathing of plasterboards			Load-bearing structure		Insulation material			Maximum height [mm]	Acoustic insulation			Weight of 1m ² of encasement [kg]	Fire resistance class [min]	Special system
	Nida	Thickness [mm]	Marking acc. to standard	Spacing of the Nida PWA100 vibro-acoustic lacing [mm]	Spacing of the Nida C100 profiles [mm]	Within the range of the acoustic insulation				Rw [dB]	Ra1 [dB]	Ra2 [dB]			
						Mineral wool	Thickness [mm]	Density [kg/m ³]							
C100/PWA-12,5/Expert	Expert	12,5	A	1000	600	glass wool	50	12	4000	34	32	28	13,0	-	-
C100/PWA-12,5/Woda ²⁾	Woda	12,5	H2	1000	600	glass wool	50	12	4000	34	32	28	13,0	-	-
C100/PWA-12,5/Ogień+	Ogień Plus	12,5	DF	1000	600	glass wool	50	12	4000	36	34	30	15,0	(R)EI15	-
C100/PWA-12,5/WodaOgień+	Woda Ogień Plus	12,5	DFH2	1000	600	glass wool	50	12	4000	36	34	30	15,0	(R)EI15	-
C100/PWA-12,5/Cicha	Cicha	12,5	DFH1R	1000	600	glass wool	100	12	4000	50 ³⁾	49	47	18,0	(R)EI15	•
C100/PWA-12,5/Twarda	Twarda	12,5	DEFH1R	1000	600	glass wool	100	12	4000	49 ³⁾	49	46	18,0	(R)EI15	•
C100/PWA-12,5/Hydro	Hydro	12,5	GMFH1I	1000	600	glass wool	50	12	4000	36	34	30	16,0	(R)EI15	•
C100/PWA-18/Ogień+	Ogień Plus	18,0	DF	1000	600	glass wool	50	12	4000	37	36	32	19,0	(R)EI30	-

¹⁾ European Technical Assessment ETA 15/0301.

²⁾ 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.)

³⁾ Acoustic insulation is calculated on the basis of simulations run with utilisation of the INSUL program for the following arrangement: plasterboard sheathing + rigid wall of aerated concrete blocks, thickness 11.5 cm, density 600 kg/m³.

CONSUMPTION OF MATERIALS PER 1M² FOR THE ANCHORED WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk									
		C100/PWA-12,5/Expert	C100/PWA-12,5/Woda	C100/PWA-12,5/Ogień+	C100/PWA-12,5/WodaOgień+	C100/PWA-12,5/Cicha	C100/PWA-12,5/Twarda	C100/PWA-12,5/Hydro	C100/PWA-18/Ogień+		
Consumption of material per 1m ²											
Nida Expert 12.5 mm plasterboard	m ²	1,0	-	-	-	-	-	-	-	-	-
Nida Woda 12.5 mm plasterboard	m ²	-	1,0	-	-	-	-	-	-	-	-
Nida Ogień Plus 12.5 mm plasterboard	m ²	-	-	1,0	-	-	-	-	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m ²	-	-	-	1,0	-	-	-	-	-	-
Nida Cicha 12.5 mm plasterboard	m ²	-	-	-	-	1,0	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m ²	-	-	-	-	-	1,0	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m ²	-	-	-	-	-	-	1,0	-	-	-
Nida Ogień Plus 18.0 mm plasterboard	m ²	-	-	-	-	-	-	-	-	1,0	-
Nida C100 profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida C50 profile ⁴⁾	lm	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2
Nida U100 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida PWA100 vibro-acoustic lacing	pcs.	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1
Anchoring element ⁵⁾	pcs.	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9
Nida 3.5x25 mm sheet metal screws	pcs.	12,0	12,0	12,0	12,0	-	-	-	-	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	-	12,0
Nida 3.5x45 mm sheet metal screws	pcs.	7,0	7,0	7,0	7,0	7,0	7,0	7,0	7,0	7,0	7,0
FixDens 4.2x25 mm screws	pcs.	-	-	-	-	12,0	12,0	-	-	-	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	12,0	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
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	-	-
Mineral wool ⁷⁾	m ²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

⁴⁾ Nida C50 - connecting profile.

⁵⁾ The type of the anchoring element should be selected individually adequately for the substrate type and the total mass 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 Tynk



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



Maximum acoustic insulation:
50 dB



Maximum encasement height:
5000 mm



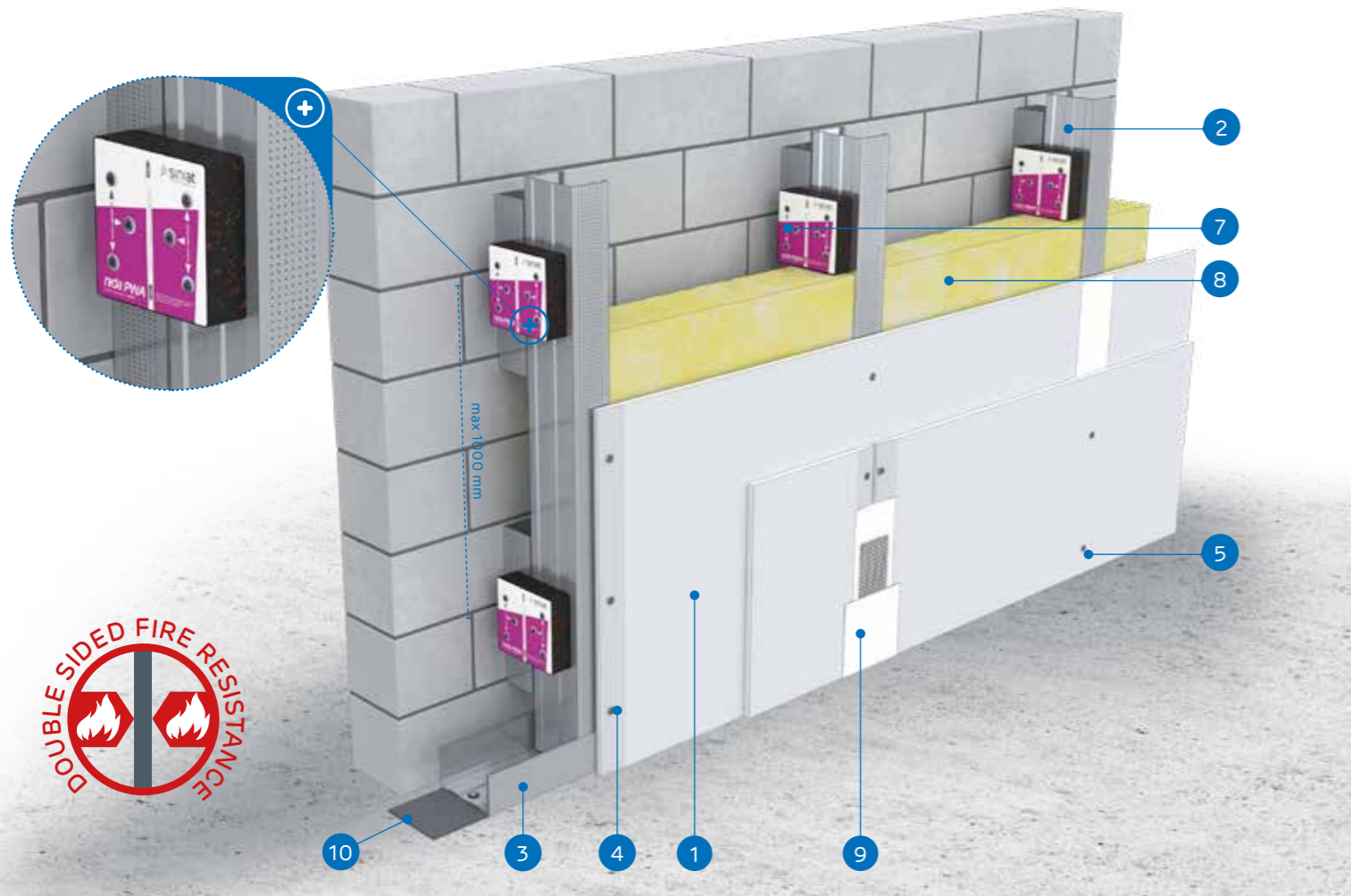
Weight of 1m² of encasement:
21,0-35,0 kg



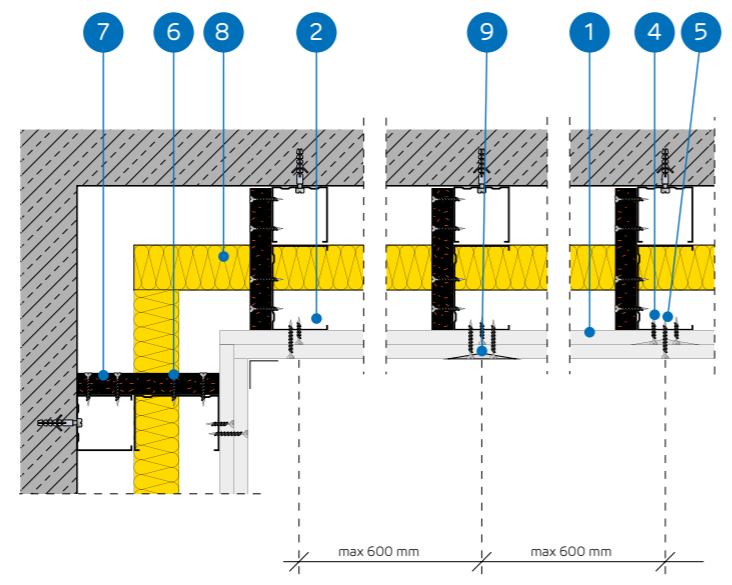
Number of related document:
ETA 15/0301

Declaration of Performance:
DoP/Separate Lining System/0012/15.11.2016

SYSTEMS:
C100/PWA-25; C100/PWA-27,5; C100/PWA-30



- MATERIALS:**
- Nida plasterboard
 - Nida C100 profile
 - Nida U100 profile
 - Nida 3.5x25 mm sheet metal screws
 - Nida 3.5x35 mm sheet metal screws
 - Nida 3.5x45 mm sheet metal screws
 - Nida PWA100 vibro-acoustic lacing
 - Insulation material mineral wool (optional)
 - The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
 - Self-adhesive tape with lead



THE SYSTEM OF WALL CLADDING ANCHORED TO THE NIDA C100 LOAD-BEARING STRUCTURE (NIDA PWA)

TECHNICAL PARAMETERS

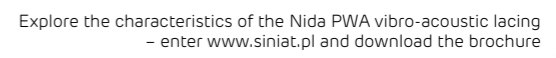
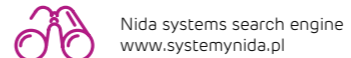
Nida Tynk system name ¹⁾	Sheathing of plasterboards				Load-bearing structure		Insulation material			Maximum height [mm]	Acoustic insulation			Weight of 1m ² of encasement [kg]	Fire resistance class [min]	Special system
	Nida	Thickness [mm]	Marking acc. to standard	Spacing of the Nida PWA100 vibro-acoustic lacing [mm]	Spacing of the Nida C100 profiles [mm]	Within the range of the acoustic insulation										
						Mineral wool	Thickness [mm]	Density [kg/m ³]	Rw [dB]		Ra1 [dB]	Ra2 [dB]				
C100/PWA-25/Expert	Expert	2x12,5	A	1000	600	glass wool	50	12	5000	37	35	31	21,0	-	-	
C100/PWA-25/Woda ²⁾	Woda	2x12,5	H2	1000	600	glass wool	50	12	5000	37	35	31	21,0	-	-	
C100/PWA-25/OgieńTypF	Ogień Typ F	2x12,5	F	1000	600	glass wool	50	12	5000	40	38	35	25,0	(R)EI30	-	
C100/PWA-25/Ogień+	Ogień Plus	2x12,5	DF	1000	600	glass wool	50	12	5000	40	38	35	25,0	(R)EI30	-	
C100/PWA-25/WodaOgień+	Woda Ogień Plus	2x12,5	DFH2	1000	600	glass wool	50	12	5000	40	38	35	25,0	(R)EI30	-	
C100/PWA-25/Cicha ⁴⁾	Cicha	2x12,5	DFH1IR	1000	600	glass wool	100	12	5000	50 ⁴⁾	50	48	30,0	(R)EI30	●	
C100/PWA-25/Twarda	Twarda	2x12,5	DFH1IR	1000	600	glass wool	100	12	5000	50 ⁴⁾	49	47	30,0	(R)EI30	●	
C100/PWA-25/Hydro	Hydro	2x12,5	GMFH1I	1000	600	glass wool	50	12	5000	40	38	35	26,0	(R)EI30	●	
C100/PWA-27,5/Ogień+ ³⁾	Ogień Plus	1x12,5+1x15,0	DF	1000	600	glass wool	50	12	5000	40	38	35	28,0	(R)EI60	-	
C100/PWA-30/Ogień+	Ogień Plus	2x15,0	DF	1000	600	glass wool	50	12	5000	41	40	37	32,0	(R)EI60	-	
C100/PWA-30/Twarda	Twarda	2x15,0	DFH1IR	1000	600	glass wool	100	12	5000	49 ⁴⁾	49	47	35,0	(R)EI60	●	
C100/PWA-30/Hydro	Hydro	2x15,0	GMFH1I	1000	600	glass wool	50	12	5000	41	40	37	32,0	(R)EI60	●	

¹⁾ European Technical Assessment ETA 15/0301.
²⁾ 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.)
³⁾ 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.
⁴⁾ Acoustic insulation is calculated on the basis of simulations run with utilisation of the INSUL program for the following arrangement: plasterboard sheathing + rigid wall of aerated concrete blocks, thickness 11.5 cm, density 600 kg/m³.

CONSUMPTION OF MATERIALS PER 1M² FOR THE ANCHORED WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

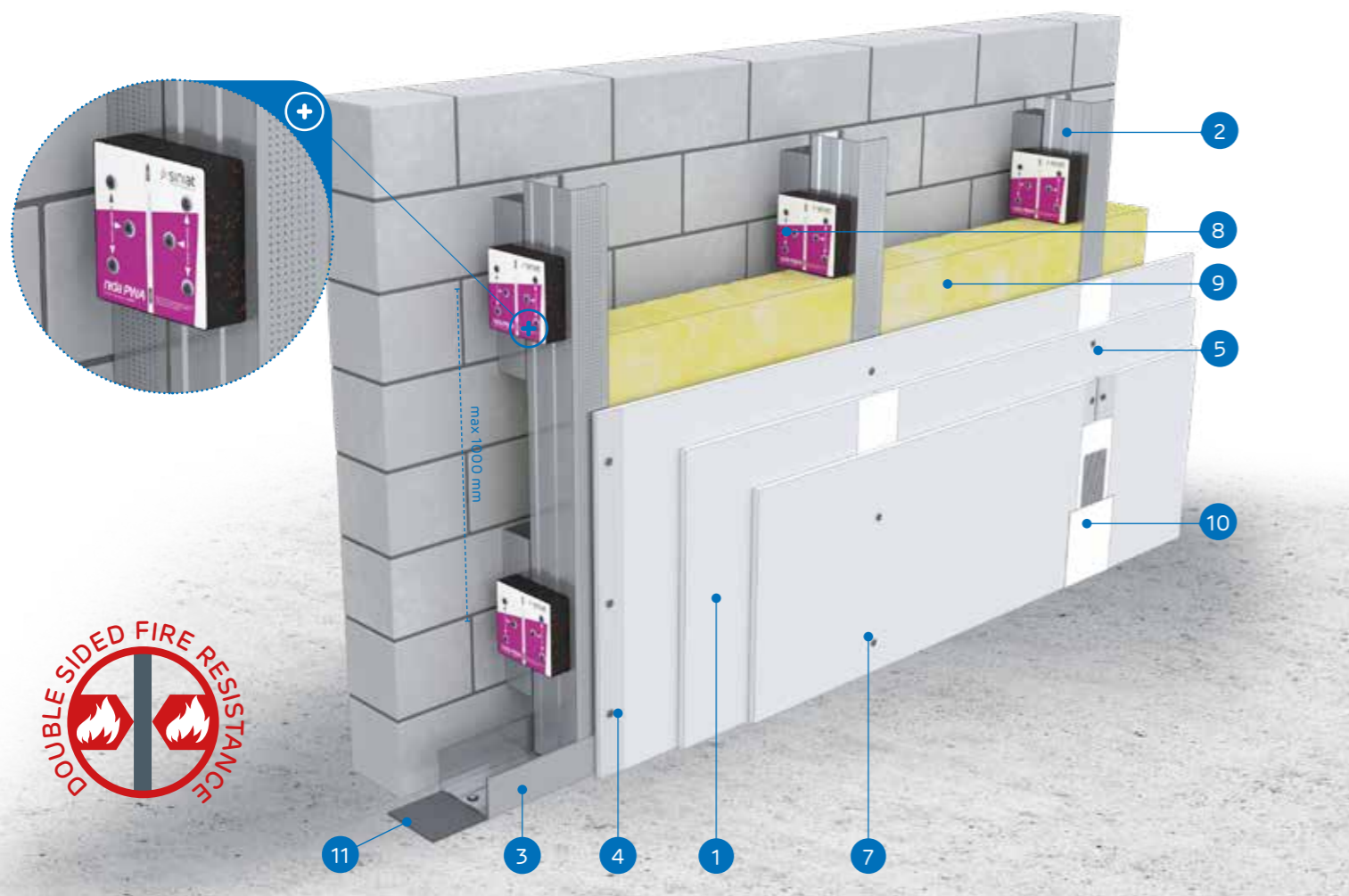
Material name	UM	System type Nida Tynk											
		C100/PWA-25/Expert	C100/PWA-25/Woda	C100/PWA-25/OgieńTypF	C100/PWA-25/Ogień+	C100/PWA-25/WodaOgień+	C100/PWA-25/Cicha	C100/PWA-25/Twarda	C100/PWA-25/Hydro	C100/PWA-27,5/Ogień+	C100/PWA-30/Ogień+	C100/PWA-30/Twarda	C100/PWA-30/Hydro
		Consumption of material per 1m ²											
Nida Expert 12.5 mm plasterboard	m ²	2,0	-	-	-	-	-	-	-	-	-	-	-
Nida Woda 12.5 mm plasterboard	m ²	-	2,0	-	-	-	-	-	-	-	-	-	-
Nida Ogień Type F 12.5 mm plasterboard	m ²	-	-	2,0	-	-	-	-	-	-	-	-	-
Nida Ogień Plus 12.5 mm plasterboard	m ²	-	-	-	2,0	-	-	-	1,0	-	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m ²	-	-	-	-	2,0	-	-	-	-	-	-	-
Nida Cicha 12.5 mm plasterboard	m ²	-	-	-	-	-	2,0	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m ²	-	-	-	-	-	-	2,0	-	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m ²	-	-	-	-	-	-	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m ²	-	-	-	-	-	-	-	-	1,0	2,0	-	-
Nida Twarda 15.0 mm plasterboard	m ²	-	-	-	-	-	-	-	-	-	-	2,0	-
Nida Hydro 15.0 mm plasterboard	m ²	-	-	-	-	-	-	-	-	-	-	-	2,0
Nida C100 profile	lm	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 C50 profile ⁵⁾	lm	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2
Nida U100 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida PWA100 vibro-acoustic lacing	pcs.	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1
Anchoring element ⁶⁾	pcs.	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9
Nida 3.5x25 mm sheet metal screws	pcs.	4,0	4,0	4,0	4,0	4,0	-	-	-	4,0	4,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	12,0	12,0	12,0	12,0	12,0	-	-	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	7,0	7,0	7,0	7,0	7,0	7,0	7,0	19,0	19,0	7,0	7,0	7,0
FixDens 4.2x25 mm screws	pcs.	-	-	-	-	-	4,0	4,0	-	-	-	4,0	-
FixDens 4.2x42 mm screws	pcs.	-	-	-	-	-	-	12,0	-	-	-	-	12,0
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	4,0	-	-	-	4,0
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	12,0	-	-	12,0
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
Acoustic insulation tape	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 Start gypsum putty	kg	0,6	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	0,1	-	-
Nida Hydromix ready-to-use joint filler ⁷⁾	kg	-	-	-	-	-	-	0,7	0,7	-	-	0,7	0,7
Mineral wool ⁸⁾	m ²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

⁵⁾ Nida C50 - connecting profile.
⁶⁾ The type of the anchoring element should be selected individually adequately for the substrate type and the total mass 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.



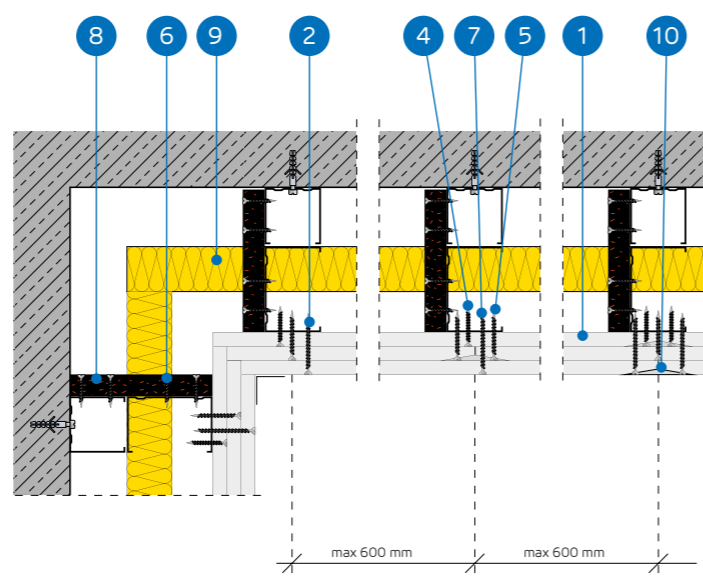
nida TynkFire resistance class:
(R)EI60
(R)EI120Maximum acoustic insulation:
51 dBMaximum encasement height:
5000 mmWeight of 1m² of encasement:
35,0-44,0 kgNumber of related document:
ETA 15/0301Declaration of Performance:
DoP/Separate Lining System/0012/15.11.2016

SYSTEMS:

C100/PWA-37,5; C100/PWA-45

MATERIALS:

- Nida plasterboard
- Nida C100 profile
- Nida U100 profile
- Nida 3.5x25 mm sheet metal screws
- Nida 3.5x35 mm sheet metal screws
- Nida 3.5x45 mm sheet metal screws
- Nida 3.5x55 mm sheet metal screws
- Nida PWA100 vibro-acoustic lacing
- Insulation material mineral wool (optional)
- The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
- Self-adhesive tape with lead



THE SYSTEM OF WALL CLADDING ANCHORED TO THE NIDA C100 LOAD-BEARING STRUCTURE (NIDA PWA)

TECHNICAL PARAMETERS

Nida Tynk system name ¹⁾	Sheathing of plasterboards			Load-bearing structure		Insulation material			Maximum height	Acoustic insulation			Weight of 1m ² of encasement	Fire resistance class	Special system
	Nida	Thickness [mm]	Marking acc. to standard	Spacing of the Nida PWA100 vibro-acoustic lacing [mm]	Spacing of the Nida C100 profiles [mm]	Within the range of the acoustic insulation				Rw [dB]	Ra1 [dB]	Ra2 [dB]			
						Mineral wool	Thickness [mm]	Density [kg/m ³]							
C100/PWA-37,5/Ogień+	Ogień Plus	3x12,5	DF	1000	600	glass wool	100	12	5000	45	44	39	35,0	(R)EI60	-
C100/PWA-37,5/WodaOgień+	WodaOgień Plus	3x12,5	DFH2	1000	600	glass wool	100	12	5000	45	44	39	35,0	(R)EI60	-
C100/PWA-37,5/Cicha	Cicha	3x12,5	DFH1IR	1000	600	glass wool	100	12	5000	51 ³⁾	50	48	43,0	(R)EI60	●
C100/PWA-37,5/Twarda	Twarda	3x12,5	DEFH1IR	1000	600	glass wool	100	12	5000	50 ³⁾	50	48	43,0	(R)EI60	●
C100/PWA-37,5/Hydro	Hydro	3x12,5	GMFH1I	1000	600	glass wool	100	12	5000	45	44	39	37,0	(R)EI60	●
C100/PWA-45/Ogień+ ²⁾	Ogień Plus	3x15,0	DF	1000	600	glass wool	100	12	5000	45	44	39	44,0	(R)EI120	-
C100/PWA-45/WodaOgień+ ²⁾	WodaOgień Plus	3x15,0	DFH2	1000	600	glass wool	100	12	5000	45	44	39	44,0	(R)EI120	-

¹⁾ European Technical Assessment ETA 15/0301.²⁾ Within the systems for the fire resistance (R)EI120 and 3x15.0 mm configuration replacement of board types is not possible.³⁾ Acoustic insulation is calculated on the basis of simulations run with utilisation of the INSUL program for the following arrangement: plasterboard sheathing + rigid wall of aerated concrete blocks, thickness 11.5 cm, density 600 kg/m³.CONSUMPTION OF MATERIALS PER 1M² FOR THE ANCHORED WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk							
		C100/PWA-37,5/Ogień+	C100/PWA-37,5/WodaOgień+	C100/PWA-37,5/Cicha	C100/PWA-37,5/Twarda	C100/PWA-37,5/Hydro	C100/PWA-45/Ogień+	C100/PWA-45/WodaOgień+	
		Consumption of material per 1m ²							
Nida Ogień Plus 12.5 mm plasterboard	m ²	3,0	-	-	-	-	-	-	
Nida Woda Ogień Plus 12.5 mm plasterboard	m ²	-	3,0	-	-	-	-	-	
Nida Cicha 12.5 mm plasterboard	m ²	-	-	3,0	-	-	-	-	
Nida Twarda 12.5 mm plasterboard	m ²	-	-	-	3,0	-	-	-	
Nida Hydro 12.5 mm plasterboard	m ²	-	-	-	-	3,0	-	-	
Nida Ogień Plus 15.0 mm plasterboard	m ²	-	-	-	-	-	3,0	-	
Nida Woda Ogień Plus 15.0 mm plasterboard	m ²	-	-	-	-	-	-	3,0	
Nida C100 profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8	
Nida C50 profile ⁴⁾	lm	0,2	0,2	0,2	0,2	0,2	0,2	0,2	
Nida U100 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7	
Nida PWA100 vibro-acoustic lacing	pcs.	1,1	1,1	1,1	1,1	1,1	1,1	1,1	
Anchoring element ⁵⁾	pcs.	2,9	2,9	2,9	2,9	2,9	2,9	2,9	
Nida 3.5x25 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	4,0	4,0	
Nida 3.5x35 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	-	-	
Nida 3.5x45 mm sheet metal screws	pcs.	7,0	7,0	7,0	7,0	7,0	11,0	11,0	
Nida 3.5x55 mm sheet metal screws	pcs.	12,0	12,0	-	-	-	-	-	
Nida 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	-	12,0	12,0	
FixDens 4.2x25 mm screws	pcs.	-	-	4,0	4,0	-	-	-	
FixDens 4.2x42 mm screws	pcs.	-	-	4,0	4,0	-	-	-	
FixDens 4.2x60 mm screws	pcs.	-	-	12,0	12,0	-	-	-	
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-	
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-	
Nida Hydro C5 3.5x55 mm sheet metal screws	pcs.	-	-	-	-	12,0	-	-	
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	
Nida Start gypsum putty	kg	0,9	0,9	0,9	-	-	0,9	0,9	
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	-	1,3	
Mineral wool ⁷⁾	m ²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	

⁴⁾ Nida C50 - connecting profile.⁵⁾ The type of the anchoring element should be selected individually adequately for the substrate type and the total mass 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 Tynk



Fire resistance class:
(R)EI90
(R)EI120



Maximum acoustic insulation:
51 dB



Maximum encasement height:
5000 mm



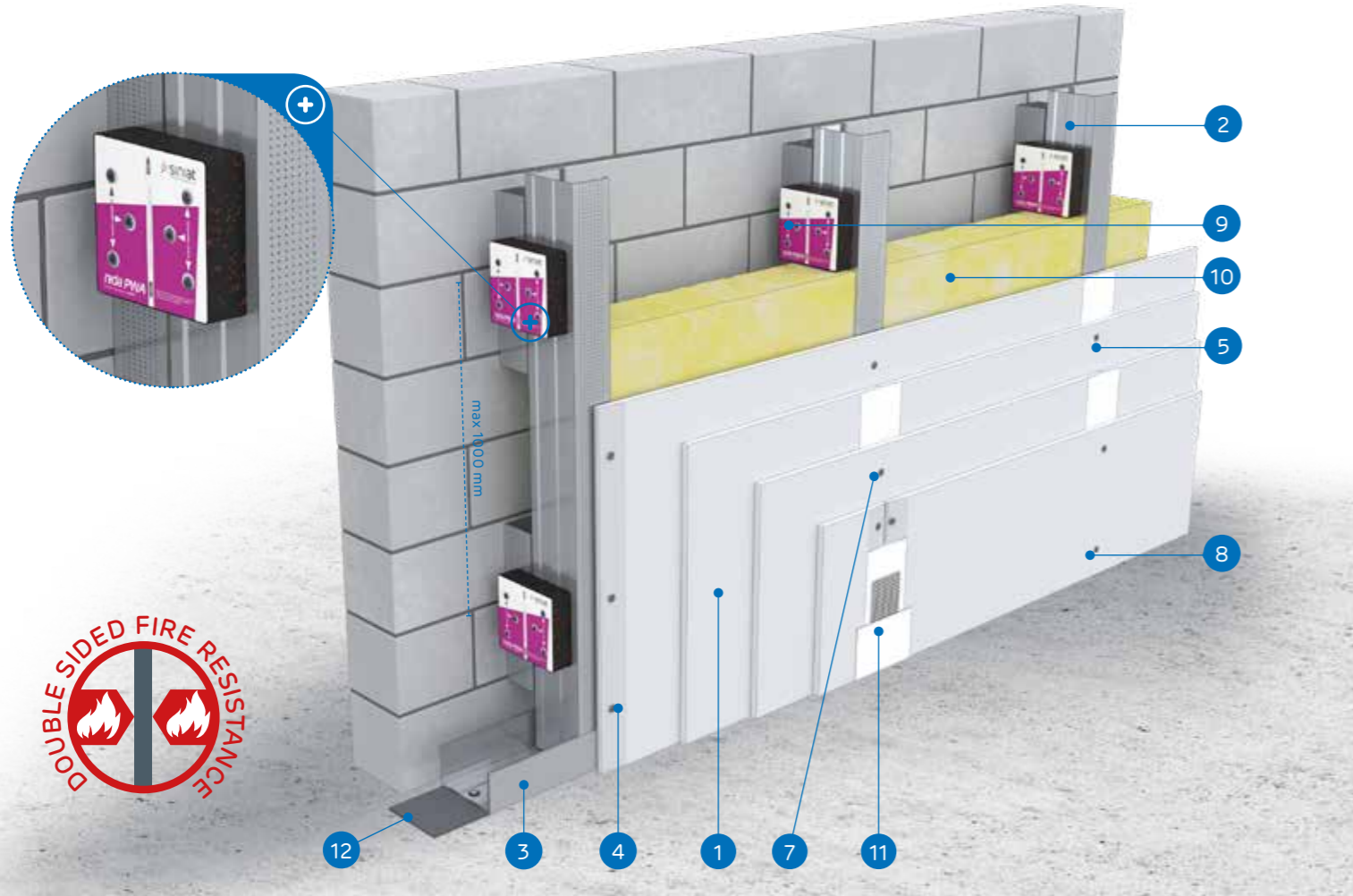
Weight of 1m² of encasement:
45,0-67,0 kg



Number of related document:
ETA 15/0301

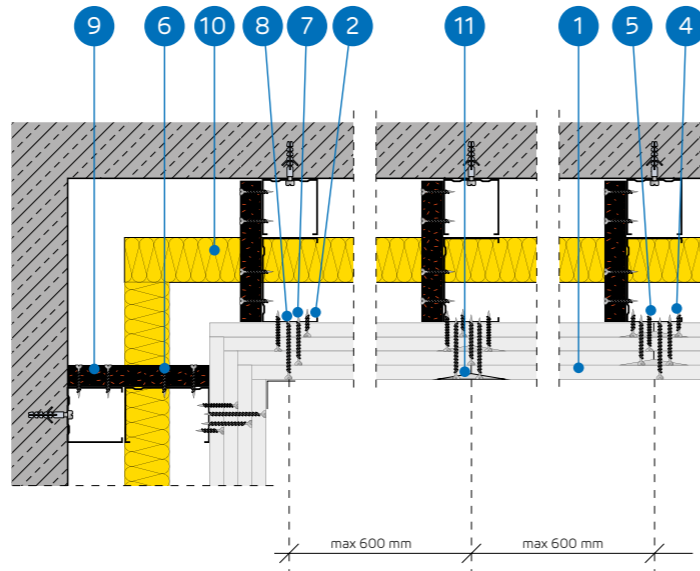
Declaration of Performance:
DoP/Separate Lining System/0012/15.11.2016

SYSTEMS:
C100/PWA-50; C100/PWA-55; C100/PWA-60



MATERIALS:

1. Nida plasterboard
2. Nida C100 profile
3. Nida U100 profile
4. Nida 3.5x25 mm sheet metal screws
5. Nida 3.5x35 mm sheet metal screws
6. Nida 3.5x45 mm sheet metal screws
7. Nida 3.5x55 mm sheet metal screws
8. Nida 4.2x70 mm sheet metal screws
9. Nida PWA100 vibro-acoustic lacing
10. Insulation material mineral wool (optional)
11. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
12. Self-adhesive tape with lead



THE SYSTEM OF WALL CLADDING ANCHORED TO THE NIDA C100 LOAD-BEARING STRUCTURE (NIDA PWA)

TECHNICAL PARAMETERS

Nida Tynk system name ¹⁾	Sheathing of plasterboards			Load-bearing structure		Insulation material			Maximum height [mm]	Acoustic insulation			Weight of 1m ² of encasement [kg]	Fire resistance class [min]	Special system
	Nida	Thickness [mm]	Marking acc. to standard	Spacing of the Nida PWA100 vibro-acoustic lacing [mm]	Spacing of the Nida C100 profiles [mm]	Within the range of the acoustic insulation				Rw [dB]	Ra1 [dB]	Ra2 [dB]			
						Mineral wool	Thickness [mm]	Density [kg/m ³]							
C100/PWA-50/Ogień+	Ogień Plus	4x12,5	DF	1000	600	glass wool	100	14	5000	44	42	39	45,0	(R)EI90	-
C100/PWA-50/WodaOgień+	WodaOgień Plus	4x12,5	DFH2	1000	600	glass wool	100	14	5000	44	42	39	45,0	(R)EI90	-
C100/PWA-50/Cicha	Cicha	4x12,5	DFH1IR	1000	600	glass wool	100	14	5000	51 ²⁾	51	49	56,0	(R)EI90	●
C100/PWA-50/Twarda	Twarda	4x12,5	DEFH1IR	1000	600	glass wool	100	14	5000	51 ²⁾	50	49	56,0	(R)EI90	●
C100/PWA-50/Hydro	Hydro	4x12,5	GMFH1I	1000	600	glass wool	100	14	5000	44	42	39	48,0	(R)EI90	●
C100/PWA-55/Ogień+	Ogień Plus	2x12,5+2x15,0	DF	1000	600	glass wool	100	14	5000	44	42	39	52,0	(R)EI120	-
C100/PWA-55/Twarda	Twarda	2x12,5+2x15,0	DEFH1IR	1000	600	glass wool	100	14	5000	51 ²⁾	50	49	61,0	(R)EI120	●
C100/PWA-55/Hydro	Hydro	2x12,5+2x15,0	GMFH1I	1000	600	glass wool	100	14	5000	44	42	39	53,0	(R)EI120	●
C100/PWA-60/Ogień+	Ogień Plus	4x15,0	DF	1000	600	glass wool	100	14	5000	45	44	40	59,0	(R)EI120	-
C100/PWA-60/Twarda	Twarda	4x15,0	DEFH1IR	1000	600	glass wool	100	14	5000	51 ²⁾	50	49	67,0	(R)EI120	●
C100/PWA-60/Hydro	Hydro	4x15,0	GMFH1I	1000	600	glass wool	100	14	5000	45	44	40	59,0	(R)EI120	●

¹⁾ European Technical Assessment ETA 15/0301.

²⁾ Acoustic insulation is calculated on the basis of simulations run with utilisation of the INSUL program for the following arrangement: plasterboard sheathing + rigid wall of aerated concrete blocks, thickness 11.5 cm, density 600 kg/m³.

CONSUMPTION OF MATERIALS PER 1M² FOR THE ANCHORED WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk										
		C100/PWA-50/Ogień+	C100/PWA-50/WodaOgień+	C100/PWA-50/Cicha	C100/PWA-50/Twarda	C100/PWA-50/Hydro	C100/PWA-55/Ogień+	C100/PWA-55/Twarda	C100/PWA-55/Hydro	C100/PWA-60/Ogień+	C100/PWA-60/Twarda	C100/PWA-60/Hydro
		Consumption of material per 1m ²										
Nida Ogień Plus 12.5 mm plasterboard	m ²	4,0	-	-	-	-	2,0	-	-	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m ²	-	4,0	-	-	-	-	-	-	-	-	-
Nida Cicha 12.5 mm plasterboard	m ²	-	-	4,0	-	-	-	-	-	-	-	-
Nida Twarda 12.5 mm plasterboard	m ²	-	-	-	4,0	-	-	2,0	-	-	-	-
Nida Hydro 12.5 mm plasterboard	m ²	-	-	-	-	4,0	-	-	2,0	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m ²	-	-	-	-	-	2,0	-	-	4,0	-	-
Nida Twarda 15.0 mm plasterboard	m ²	-	-	-	-	-	-	2,0	-	-	4,0	-
Nida Hydro 15.0 mm plasterboard	m ²	-	-	-	-	-	-	-	2,0	-	-	4,0
Nida C100 profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida C50 profile ³⁾	lm	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2
Nida U100 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida PWA100 vibro-acoustic lacing	pcs.	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1
Anchoring element ⁴⁾	pcs.	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9
Nida 3.5x25 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	4,0	-	-	4,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	-	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	7,0	7,0	7,0	7,0	7,0	11,0	7,0	7,0	11,0	7,0	7,0
Nida 3.5x55 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	4,0	-	-	4,0	-	-
Nida 4.2x70 mm sheet metal screws	pcs.	12,0	12,0	-	-	-	12,0	-	-	12,0	-	-
FixDens 4.2x25 mm screws	pcs.	-	-	4,0	4,0	-	-	4,0	-	-	4,0	-
FixDens 4.2x42 mm screws	pcs.	-	-	4,0	4,0	-	-	4,0	-	-	4,0	-
FixDens 4.2x60 mm screws	pcs.	-	-	4,0	4,0	-	-	4,0	-	-	4,0	-
FixDens 4.5x80 mm screws	pcs.	-	-	12,0	12,0	-	-	12,0	-	-	12,0	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Hydro C5 3.5x55 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Hydro C5 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	12,0	-	-	12,0	-	-	12,0
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
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida Start gypsum putty	kg	1,2	1,2	1,2	-	-	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	-	-	-	1,3	1,3	-	1,3	1,3	-	1,3	1,3
Mineral wool ⁶⁾	m ²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

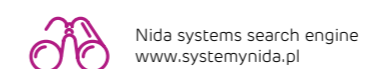
³⁾ Nida C50 - connecting profile.

⁴⁾ The type of the anchoring element should be selected individually adequately for the substrate type and the total mass 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.



Explore the characteristics of the Nida PWA vibro-acoustic lacing - enter www.siniat.pl and download the brochure

