



nida Drewno

encasement systems for the timber load-bearing structure

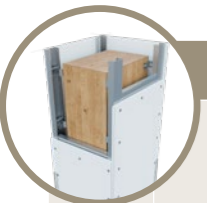
The encasement system for timber columns is usually utilised in order to provide them with aesthetic masking. In order to construct such encasement it is possible to apply the system solution based on the Nida CD60 load-bearing structure with utilisation of the Nida KM fixing clips. The other simpler solution, which on the other hand is more prone to transferring loads originating from the

timber structure, is direct encasement (the boards are fixed directly with utilisation of the Nida wood screws). Specialists recommend application of the specialised Nida Twarda (DEFH1IR) boards for timber structures, as they possess the characteristics ensuring additional rigidity. Apart from that, those boards are resistant to moisture and mechanical damage of surfaces.

chapter contents

- 1256 SDK/12,5; SDK/15; SDB/12,5; SDB/15
- 1258 SDK/25; SDB/25
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Page	Nida Drewno encasement type	Plasterboard sheathing			Fixing of Nida sheathing		Frame structure	Weight of 1 linear metre of encasement	Fire resistance class
		Nida	Thickness [mm]	Marking acc. to standard	With utilisation of Nida structure	Directly to timber structure	Nida	[kg]	[min]
THE ENCASEMENT SYSTEM FOR THE TIMBER LOAD-BEARING STRUCTURES (COLUMNS)									
1257	SDK/12,5/Expert	Expert	12,5	A	●	-	CD60/KM	8,0	-
1257	SDK/12,5/Woda	Woda	12,5	H2	●	-	CD60/KM	8,0	-
1257	SDK/12,5/Ogień+	Ogień Plus	12,5	DF	●	-	CD60/KM	9,0	-
1257	SDK/12,5/WodaOgień+	Woda Ogień Plus	12,5	DFH2	●	-	CD60/KM	9,0	-
1257	SDK/12,5/Twarda	Twarda	12,5	DEFH1IR	●	-	CD60/KM	11,0	-
1257	SDK/12,5/Hydro	Hydro	12,5	GMFH1I	●	-	CD60/KM	10,0	-
1257	SDB/12,5/Expert	Expert	12,5	A	-	●	-	5,0	-
1257	SDB/12,5/Woda	Woda	12,5	H2	-	●	-	6,0	-
1257	SDB/12,5/Ogień+	Ogień Plus	12,5	DF	-	●	-	6,0	-
1257	SDB/12,5/WodaOgień+	Woda Ogień Plus	12,5	DFH2	-	●	-	6,0	-
1257	SDB/12,5/Twarda	Twarda	12,5	DEFH1IR	-	●	-	8,0	-
1257	SDB/12,5/Hydro	Hydro	12,5	GMFH1I	-	●	-	7,0	-
1257	SDK/15/Ogień+	Ogień Plus	15,0	DF	●	-	CD60/KM	11,0	-
1257	SDK/15/Twarda	Twarda	15,0	DEFH1IR	●	-	CD60/KM	12,3	-
1257	SDK/15/Hydro	Hydro	15,0	GMFH1I	●	-	CD60/KM	11,0	-
1257	SDB/15/Ogień+	Ogień Plus	15,0	DF	-	●	-	8,0	-
1257	SDB/15/Twarda	Twarda	15,0	DEFH1IR	-	●	-	9,3	-
1257	SDB/15/Hydro	Hydro	15,0	GMFH1I	-	●	-	8,0	-
1259	SDK/25/Expert	Expert	25,0	A	●	-	CD60/KM	13,0	-
1259	SDK/25/Woda	Woda	25,0	H2	●	-	CD60/KM	14,0	-
1259	SDK/25/Ogień+	Ogień Plus	25,0	DF	●	-	CD60/KM	15,0	-
1259	SDK/25/WodaOgień+	Woda Ogień Plus	25,0	DFH2	●	-	CD60/KM	15,0	-
1259	SDK/25/Twarda	Twarda	25,0	DEFH1IR	●	-	CD60/KM	18,5	-
1259	SDK/25/Hydro	Hydro	25,0	GMFH1I	●	-	CD60/KM	16,0	-
1259	SDB/25/Expert	Expert	25,0	A	-	●	-	10,0	-
1259	SDB/25/Woda	Woda	25,0	H2	-	●	-	11,0	-
1259	SDB/25/Ogień+	Ogień Plus	25,0	DF	-	●	-	12,0	-
1259	SDB/25/WodaOgień+	Woda Ogień Plus	25,0	DFH2	-	●	-	12,0	-
1259	SDB/25/Twarda	Twarda	25,0	DEFH1IR	-	●	-	15,5	-
1259	SDB/25/Hydro	Hydro	25,0	GMFH1I	-	●	-	13,0	-



Page	Nida Drewno encasement type	Plasterboard sheathing			Fixing of Nida sheathing		Frame structure	Weight of 1 linear metre of encasement	Fire resistance class
		Nida	Thickness [mm]	Marking acc. to standard	With utilisation of Nida structure	Directly to timber structure	Nida	[kg]	[min]
THE ENCASEMENT SYSTEM FOR THE TIMBER LOAD-BEARING STRUCTURES (BEAMS)									
1261	BDB/12,5/Expert	Expert	12,5	A	-	●	-	4,1	-
1261	BDB/12,5/Woda	Woda	12,5	H2	-	●	-	4,4	-
1261	BDB/12,5/Ogień+	Ogień Plus	12,5	DF	-	●	-	5,0	-
1261	BDB/12,5/WodaOgień+	Woda Ogień Plus	12,5	DFH2	-	●	-	5,0	-
1261	BDB/12,5/Twarda	Twarda	12,5	DEFH1IR	-	●	-	6,4	-
1261	BDB/12,5/Hydro	Hydro	12,5	GMFH1I	-	●	-	5,4	-
1261	BDB/15/Ogień+	Ogień Plus	15,0	DF	-	●	-	6,8	-
1261	BDB/15/Twarda	Twarda	15,0	DEFH1IR	-	●	-	7,7	-
1261	BDB/15/Hydro	Hydro	15,0	GMFH1I	-	●	-	6,8	-
1263	BDB/25/Expert	Expert	25,0	A	-	●	-	8,2	-
1263	BDB/25/Woda	Woda	25,0	H2	-	●	-	8,8	-
1263	BDB/25/Ogień+	Ogień Plus	25,0	DF	-	●	-	10,0	-
1263	BDB/25/WodaOgień+	Woda Ogień Plus	25,0	DFH2	-	●	-	10,0	-
1263	BDB/25/Twarda	Twarda	25,0	DEFH1IR	-	●	-	12,8	-
1263	BDB/25/Hydro	Hydro	25,0	GMFH1I	-	●	-	10,8	-

nida Drewno

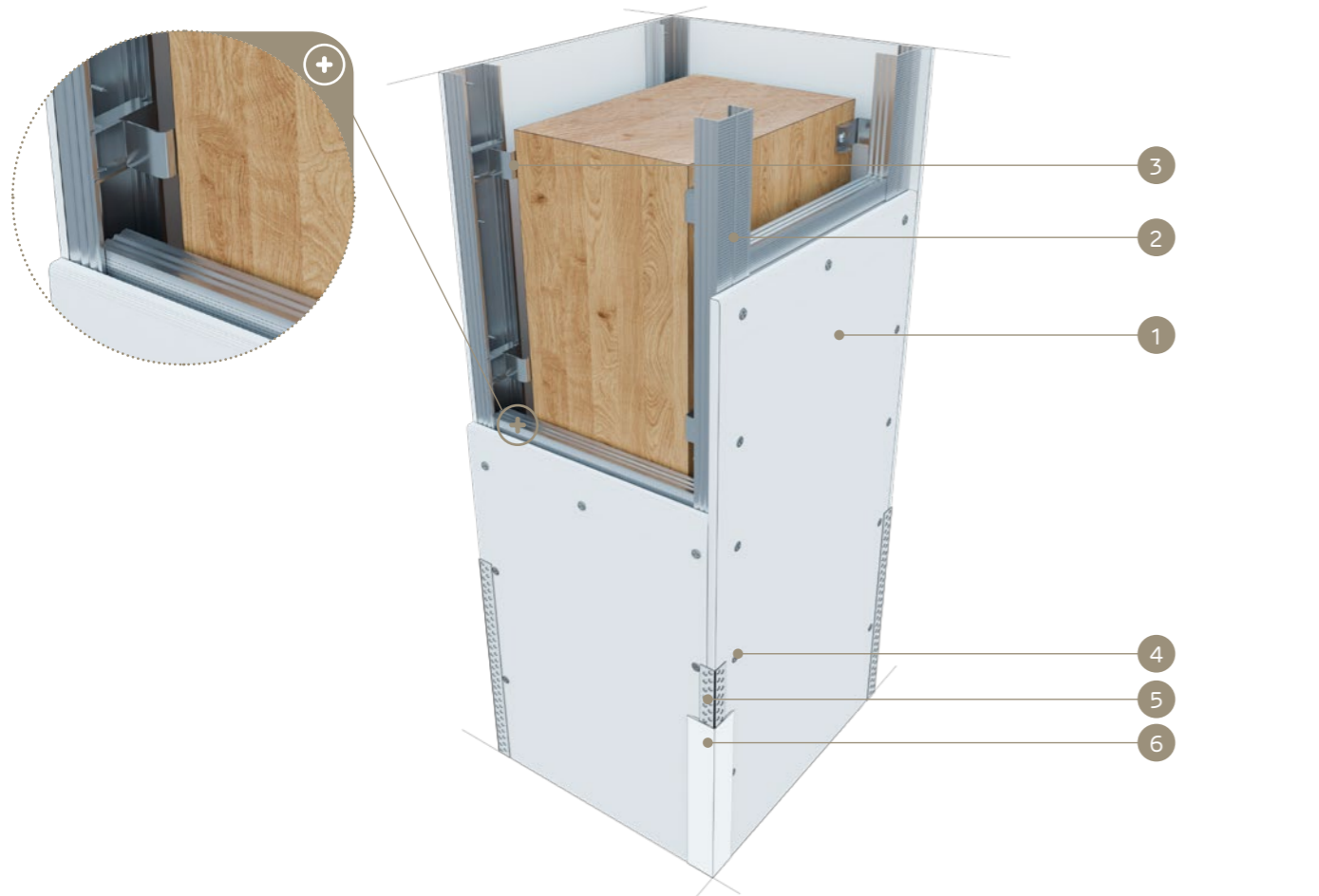
Fire resistance class:
N/A

Weight of 1 linear metre of encasement:
6,0-12,3 kg

Number of related document:
Siniat installation guidelines

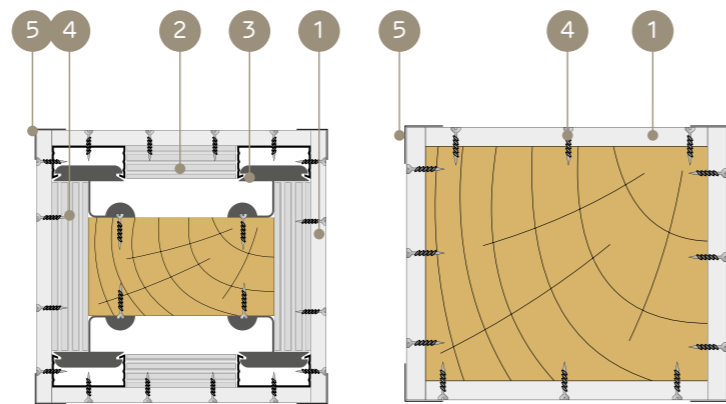
Siniat technology

SYSTEMS:
SDK/12,5; SDK/15; SDB/12,5; SDB/15



MATERIALS:

1. Nida plasterboard
2. Nida CD60 profile
3. KM fixing clip for Nida CD60 profile
4. Nida sheet metal screws
5. Nida perforated aluminium corner profile
6. Nida gypsum putty



THE ENCASEMENT SYSTEM FOR THE TIMBER LOAD-BEARING STRUCTURES (COLUMNS)

TECHNICAL PARAMETERS

Nida Drewno encasement type	Plasterboard sheathing			Fixing of Nida sheathing		Frame structure	Weight of 1 linear metre of encasement	Fire resistance class
	Nida	Thickness [mm]	Marking acc. to standard	With utilisation of Nida structure	Directly to timber structure	Nida	[kg]	[min]
SDK/12,5/Expert	Expert	12,5	A	●	-	CD60/KM	8,0	-
SDK/12,5/Woda ¹⁾	Woda	12,5	H2	●	-	CD60/KM	8,0	-
SDK/12,5/Ogień+	Ogień Plus	12,5	DF	●	-	CD60/KM	9,0	-
SDK/12,5/WodaOgień+	Woda Ogień Plus	12,5	DFH2	●	-	CD60/KM	9,0	-
SDK/12,5/Twarda	Twarda	12,5	DEFH1IR	●	-	CD60/KM	11,0	-
SDK/12,5/Hydro	Hydro	12,5	GMFH1I	●	-	CD60/KM	10,0	-
SDB/12,5/Expert	Expert	12,5	A	-	●	-	5,0	-
SDB/12,5/Woda ¹⁾	Woda	12,5	H2	-	●	-	6,0	-
SDB/12,5/Ogień+	Ogień Plus	12,5	DF	-	●	-	6,0	-
SDB/12,5/WodaOgień+	Woda Ogień Plus	12,5	DFH2	-	●	-	6,0	-
SDB/12,5/Twarda	Twarda	12,5	DEFH1IR	-	●	-	8,0	-
SDB/12,5/Hydro	Hydro	12,5	GMFH1I	-	●	-	7,0	-
SDK/15/Ogień+	Ogień Plus	15,0	DF	●	-	CD60/KM	11,0	-
SDK/15/Twarda	Twarda	15,0	DEFH1IR	●	-	CD60/KM	12,3	-
SDK/15/Hydro	Hydro	15,0	GMFH1I	●	-	CD60/KM	11,0	-
SDB/15/Ogień+	Ogień Plus	15,0	DF	-	●	-	8,0	-
SDB/15/Twarda	Twarda	15,0	DEFH1IR	-	●	-	9,3	-
SDB/15/Hydro	Hydro	15,0	GMFH1I	-	●	-	8,0	-

¹⁾ 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 MATERIAL PER 1 LINEAR METRE OF THE NIDA DREWNO ENCASEMENT FOR TIMBER LOAD-BEARING STRUCTURES

Material name	UM	Nida Drewno encasement type																
		SDK/12,5/Expert	SDK/12,5/Woda	SDK/12,5/Ogień+	SDK/12,5/WodaOgień+	SDK/12,5/Twarda	SDK/12,5/Hydro	SDB/12,5/Expert	SDB/12,5/Woda	SDB/12,5/Ogień+	SDB/12,5/WodaOgień+	SDB/12,5/Twarda	SDB/12,5/Hydro	SDK/15/Ogień+	SDK/15/Twarda	SDK/15/Hydro		
Consumption of material per 1 linear metre																		
Nida Expert 12.5 mm plasterboard	m ²	x+0,3	-	-	-	-	-	x+0,3	-	-	-	-	-	-	-	-	-	
Nida Woda 12.5 mm plasterboard	m ²	-	x+0,3	-	-	-	-	-	x+0,3	-	-	-	-	-	-	-	-	
Nida Ogień Plus 12.5 mm plasterboard	m ²	-	-	x+0,3	-	-	-	-	-	x+0,3	-	-	-	-	-	-	-	
Nida Woda Ogień Plus 12.5 mm plasterboard	m ²	-	-	-	x+0,3	-	-	-	-	-	x+0,3	-	-	-	-	-	-	
Nida Twarda 12.5 mm plasterboard	m ²	-	-	-	-	x+0,3	-	-	-	-	-	x+0,3	-	-	-	-	-	
Nida Hydro 12.5 mm plasterboard	m ²	-	-	-	-	-	x+0,3	-	-	-	-	-	x+0,3	-	-	-	-	
Nida Ogień Plus 15.0 mm plasterboard	m ²	-	-	-	-	-	-	-	-	-	-	-	-	x+0,3	-	x+0,3	-	
Nida Twarda 15.0 mm plasterboard	m ²	-	-	-	-	-	-	-	-	-	-	-	-	-	x+0,3	-	x+0,3	
Nida Hydro 15.0 mm plasterboard	m ²	-	-	-	-	-	-	-	-	-	-	-	-	-	-	x+0,3	x+0,3	
Nida CD60 profile	lm	- ²⁾	- ²⁾	- ²⁾	- ²⁾	- ²⁾	- ²⁾	-	-	-	-	-	- ²⁾	- ²⁾	- ²⁾	-	-	
KM fixing clip for Nida CD60 profile	pcs.	5,0	5,0	5,0	5,0	5,0	5,0	-	-	-	-	-	5,0	5,0	5,0	-	-	
Nida 3.5x35 mm wood screws	pcs.	5,0	5,0	5,0	5,0	5,0	5,0	-	-	-	-	-	5,0	5,0	5,0	-	-	
Nida 3.5x45 mm wood screws	pcs.	-	-	-	-	-	-	48,0	48,0	48,0	48,0	-	48,0	-	-	48,0	-	48,0
Nida 3.5x25 mm sheet metal screws	pcs.	48,0	48,0	48,0	48,0	-	-	-	-	-	-	-	48,0	-	-	-	-	
FixDens 4.2x25 mm screws	pcs.	-	-	-	-	48,0	-	-	-	-	-	-	-	48,0	-	-	-	
FixDens 4.2x42 mm screws	pcs.	-	-	-	-	-	-	-	-	-	-	48,0	-	-	-	-	48,0	
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	48,0	-	-	-	-	-	-	-	-	48,0	-	
Nida reinforcement tape	lm	0,9x	0,9x	0,9x	0,9x	0,9x	0,9x	0,9x	0,9x	0,9x	0,9x	0,9x	0,9x	0,9x	0,9x	0,9x	0,9x	
Nida Start gypsum putty	kg	0,7 ³⁾	0,7 ³⁾	0,7 ³⁾	0,7 ³⁾	-	-	0,7 ³⁾	0,7 ³⁾	0,7 ³⁾	0,7 ³⁾	0,7 ³⁾	-	0,7 ³⁾	0,7 ³⁾	0,7 ³⁾	0,7 ³⁾	
Nida Finish gypsum putty	kg	0,2 ³⁾	0,2 ³⁾	0,2 ³⁾	0,2 ³⁾	-	-	0,2 ³⁾	0,2 ³⁾	0,2 ³⁾	0,2 ³⁾	0,2 ³⁾	-	0,2 ³⁾	0,2 ³⁾	0,2 ³⁾	0,2 ³⁾	
Nida Hydromix ready-to-use joint filler ⁴⁾	kg	-	-	-	-	0,9 ³⁾	0,9 ³⁾	-	-	-	-	-	0,9 ³⁾	0,9 ³⁾	-	-	0,9 ³⁾	
Nida perforated aluminium corner profile	lm	4,0	4,0	4,0	4,0	4,0	4,0	4,0	4,0	4,0	4,0	4,0	4,0	4,0	4,0	4,0	4,0	

²⁾ The consumption standard for the Nida CD60 profile = (0.9x+4.0).

³⁾ Approximate consumption standard.

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

IMPORTANT: How the "X" value is calculated. X=2a+2b (where: a - width of the beam cross-section, b - height of the beam cross-section). The standards concerning the amount of utilised material do not cover the loss of the material.

nida Drewno

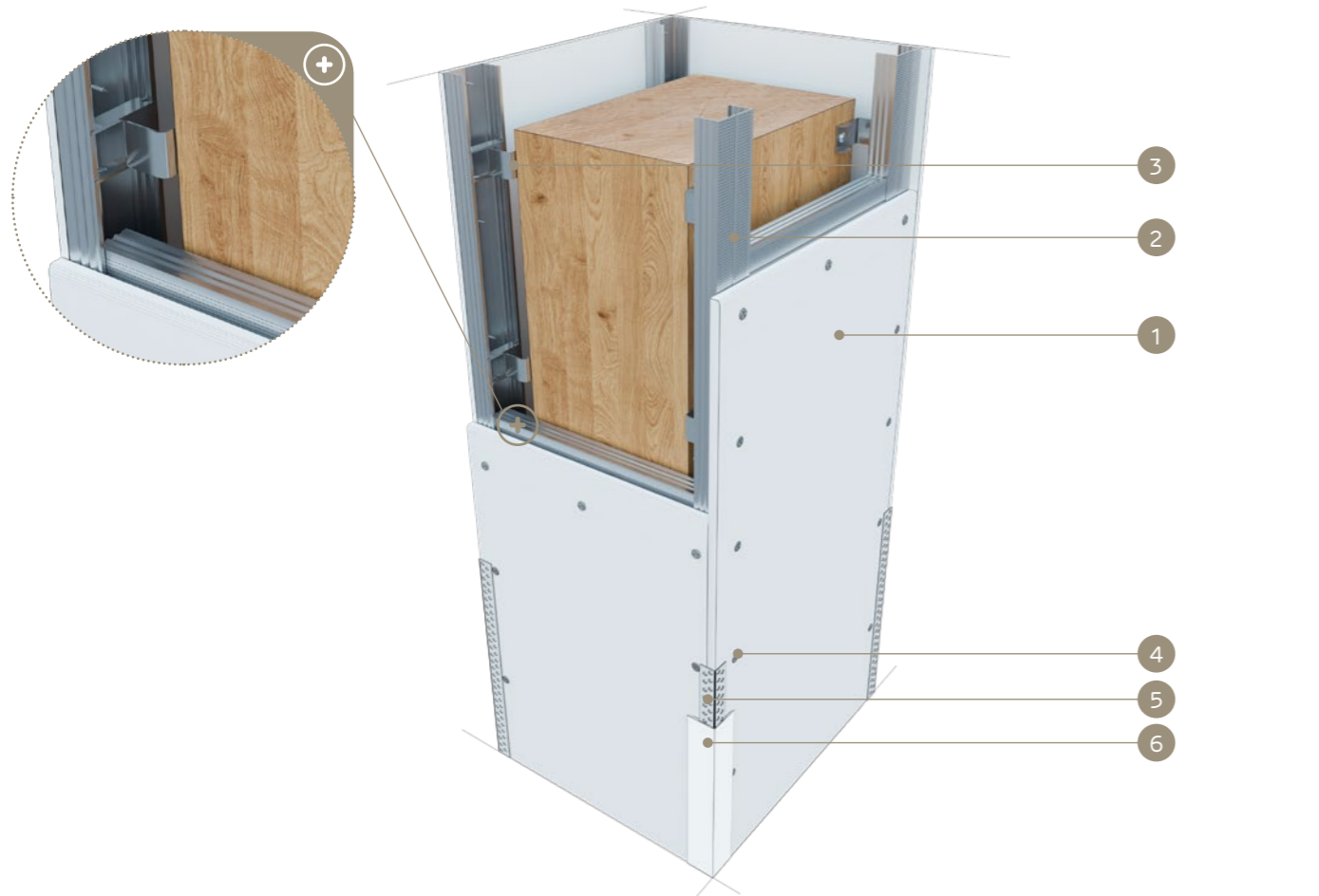
Fire resistance class:
N/A

Weight of 1 linear metre of encasement:
10,0-18,5 kg

Number of related document:
Siniat installation guidelines

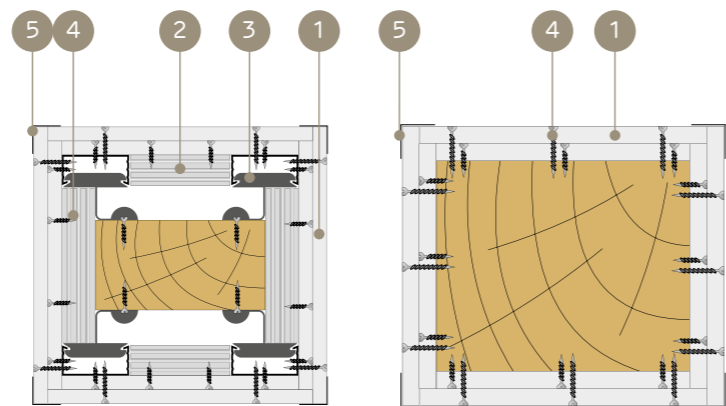
Siniat technology

SYSTEMS:
SDK/25; SDB/25



MATERIALS:

1. Nida plasterboard
2. Nida CD60 profile
3. KM fixing clip for Nida CD60 profile
4. Nida sheet metal screws
5. Nida perforated aluminium corner profile
6. Nida gypsum putty



THE ENCASEMENT SYSTEM FOR THE TIMBER LOAD-BEARING STRUCTURES (COLUMNS)

TECHNICAL PARAMETERS

Nida Drewno encasement type	Plasterboard sheathing			Fixing of Nida sheathing		Frame structure	Weight of 1 linear metre of encasement [kg]	Fire resistance class [min]
	Nida	Thickness [mm]	Marking acc. to standard	With utilisation of Nida structure	Directly to timber structure			
SDK/25/Expert	Expert	25,0	A	●	-	CD60/KM	13,0	-
SDK/25/Woda ¹⁾	Woda	25,0	H2	●	-	CD60/KM	14,0	-
SDK/25/Ogień+	Ogień Plus	25,0	DF	●	-	CD60/KM	15,0	-
SDK/25/WodaOgień+	Woda Ogień Plus	25,0	DFH2	●	-	CD60/KM	15,0	-
SDK/25/Twarda	Twarda	25,0	DEFH1IR	●	-	CD60/KM	18,5	-
SDK/25/Hydro	Hydro	25,0	GMFH1I	●	-	CD60/KM	16,0	-
SDB/25/Expert	Expert	25,0	A	-	●	-	10,0	-
SDB/25/Woda ¹⁾	Woda	25,0	H2	-	●	-	11,0	-
SDB/25/Ogień+	Ogień Plus	25,0	DF	-	●	-	12,0	-
SDB/25/WodaOgień+	Woda Ogień Plus	25,0	DFH2	-	●	-	12,0	-
SDB/25/Twarda	Twarda	25,0	DEFH1IR	-	●	-	15,5	-
SDB/25/Hydro	Hydro	25,0	GMFH1I	-	●	-	13,0	-

¹⁾ 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 MATERIAL PER 1 LINEAR METRE OF THE NIDA DREWNO ENCASEMENT FOR TIMBER LOAD-BEARING STRUCTURES

Material name	UM	Nida Drewno encasement type											
		SDK/25/Expert	SDK/25/Woda	SDK/25/Ogień+	SDK/25/WodaOgień+	SDK/25/Twarda	SDK/25/Hydro	SDB/25/Expert	SDB/25/Woda	SDB/25/Ogień+	SDB/25/WodaOgień+	SDB/25/Twarda	SDB/25/Hydro
Consumption of material per 1 linear metre													
Nida Expert 12.5 mm plasterboard	m ²	2x+0,6	-	-	-	-	-	2x+0,6	-	-	-	-	-
Nida Woda 12.5 mm plasterboard	m ²	-	2x+0,6	-	-	-	-	-	2x+0,6	-	-	-	-
Nida Ogień Plus 12.5 mm plasterboard	m ²	-	-	2x+0,6	-	-	-	-	-	2x+0,6	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m ²	-	-	-	2x+0,6	-	-	-	-	-	2x+0,6	-	-
Nida Twarda 12.5 mm plasterboard	m ²	-	-	-	-	2x+0,6	-	-	-	-	-	2x+0,6	-
Nida Hydro 12.5 mm plasterboard	m ²	-	-	-	-	-	2x+0,6	-	-	-	-	-	2x+0,6
Nida CD60 profile	lm	· ²⁾	· ²⁾	· ²⁾	· ²⁾	· ²⁾	· ²⁾	-	-	-	-	-	-
KM fixing clip for Nida CD60 profile	pcs.	5.0	5.0	5.0	5.0	5.0	5.0	-	-	-	-	-	-
Nida 3.5x35 mm wood screws	pcs.	5.0	5.0	5.0	5.0	5.0	5.0	-	-	-	-	-	-
Nida 3.5x45 mm wood screws	pcs.	-	-	-	-	-	-	12.0	12.0	12.0	12.0	-	12.0
Nida 3.5x55 mm wood screws	pcs.	-	-	-	-	-	-	48.0	48.0	48.0	48.0	-	48.0
Nida 3.5x25 mm sheet metal screws	pcs.	12.0	12.0	12.0	12.0	-	-	-	-	-	-	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	48.0	48.0	48.0	48.0	-	-	-	-	-	-	-	-
FixDens 4.2x25 mm screws	pcs.	-	-	-	-	12.0	-	-	-	-	-	-	-
FixDens 4.2x42 mm screws	pcs.	-	-	-	-	48.0	-	-	-	-	-	12.0	-
FixDens 4.2x60 mm screws	pcs.	-	-	-	-	-	-	-	-	-	-	48.0	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	12.0	-	-	-	-	-	-
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	-	48.0	-	-	-	-	-	-
Nida reinforcement tape	lm	0,9x	0,9x	0,9x	0,9x	0,9x	0,9x	0,9x	0,9x	0,9x	0,9x	0,9x	0,9x
Nida Start gypsum putty	kg	0,9 ³⁾	0,9 ³⁾	0,9 ³⁾	0,9 ³⁾	-	-	0,9 ³⁾	0,9 ³⁾	0,9 ³⁾	0,9 ³⁾	-	-
Nida Finish gypsum putty	kg	0,2 ³⁾	0,2 ³⁾	0,2 ³⁾	0,2 ³⁾	-	-	0,2 ³⁾	0,2 ³⁾	0,2 ³⁾	0,2 ³⁾	-	-
Nida Hydromix ready-to-use joint filler ⁴⁾	kg	-	-	-	-	1,1 ³⁾	1,1 ³⁾	-	-	-	-	1,1 ³⁾	1,1 ³⁾
Nida perforated aluminium corner profile	lm	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0

²⁾ The consumption standard for the Nida CD60 profile = (0.9x+4.0).

³⁾ Approximate consumption standard.

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

IMPORTANT: How the "X" value is calculated. X=2a+2b (where: a - width of the beam cross-section, b - height of the beam cross-section). The standards concerning the amount of utilised material do not cover the loss of the material.

nida Drewno

Fire resistance class:
N/A

Weight of 1 linear metre of encasement:
4,1-6,8 kg

Number of related document:
Siniat installation guidelines

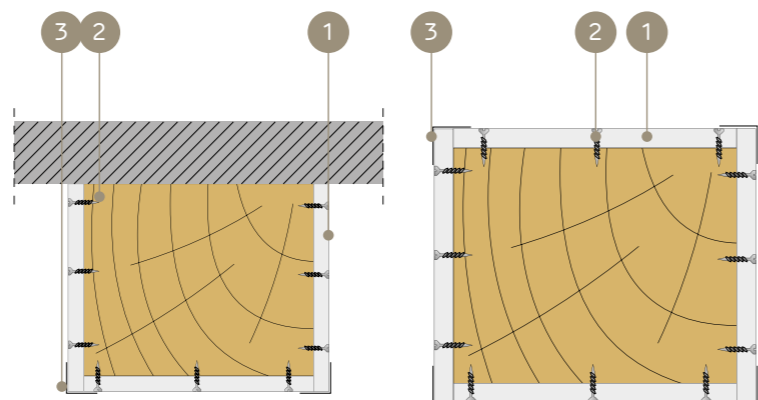
Siniat technology

SYSTEMS:
BDB/12,5; BDB/15



MATERIALS:

1. Nida plasterboard
2. Nida wood screws
3. Nida perforated aluminium corner profile
4. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
5. Nida gypsum putty



THE ENCASEMENT SYSTEM FOR THE TIMBER LOAD-BEARING STRUCTURES (BEAMS)

TECHNICAL PARAMETERS

Nida Drewno encasement type	Plasterboard sheathing			Fixing of Nida sheathing		Frame structure	Weight of 1 linear metre of encasement	Fire resistance class
	Nida	Thickness [mm]	Marking acc. to standard	With utilisation of Nida structure	Directly to timber structure	Nida	[kg]	[min]
BDB/12,5/Expert	Expert	12,5	A	-	●	CD60/KM	4,1	-
BDB/12,5/Woda ¹⁾	Woda	12,5	H2	-	●	CD60/KM	4,4	-
BDB/12,5/Ogień+	Ogień Plus	12,5	DF	-	●	CD60/KM	5,0	-
BDB/12,5/WodaOgień+	Woda Ogień Plus	12,5	DFH2	-	●	CD60/KM	5,0	-
BDB/12,5/Twarda	Twarda	12,5	DEFH1IR	-	●	CD60/KM	6,4	-
BDB/12,5/Hydro	Hydro	12,5	GMFH1I	-	●	CD60/KM	5,4	-
BDB/15/Ogień+	Ogień Plus	15,0	DF	-	●	CD60/KM	6,8	-
BDB/15/Twarda	Twarda	15,0	DEFH1IR	-	●	CD60/KM	7,7	-
BDB/15/Hydro	Hydro	15,0	GMFH1I	-	●	CD60/KM	6,8	-

¹⁾ 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 MATERIAL PER 1 LINEAR METRE OF THE NIDA DREWNO ENCASEMENT FOR TIMBER LOAD-BEARING STRUCTURES

Material name	UM	Nida Drewno encasement type									
		BDB/12,5/Expert	BDB/12,5/Woda	BDB/12,5/Ogień+	BDB/12,5/WodaOgień+	BDB/12,5/Twarda	BDB/12,5/Hydro	BDB/15/Ogień+	BDB/15/Twarda	BDB/15/Hydro	
		Consumption of material per 1 linear metre									
Nida Expert 12.5 mm plasterboard	m ²	x+0,2	-	-	-	-	-	-	-	-	
Nida Woda 12.5 mm plasterboard	m ²	-	x+0,2	-	-	-	-	-	-	-	
Nida Ogień Plus 12.5 mm plasterboard	m ²	-	-	x+0,2	-	-	-	-	-	-	
Nida Woda Ogień Plus 12.5 mm plasterboard	m ²	-	-	-	x+0,2	-	-	-	-	-	
Nida Twarda 12.5 mm plasterboard	m ²	-	-	-	-	x+0,2	-	-	-	-	
Nida Hydro 12.5 mm plasterboard	m ²	-	-	-	-	-	x+0,2	-	-	-	
Nida Ogień Plus 15.0 mm plasterboard	m ²	-	-	-	-	-	-	x+0,2	-	-	
Nida Twarda 15.0 mm plasterboard	m ²	-	-	-	-	-	-	-	x+0,2	-	
Nida Hydro 15.0 mm plasterboard	m ²	-	-	-	-	-	-	-	-	x+0,2	
Nida 3.5x45 mm wood screws	pcs.	48.0	48.0	48.0	48.0	-	48.0	48.0	-	48.0	
FixDens 4.2x42 mm screws	pcs.	-	-	-	-	48.0	-	-	48.0	-	
Nida reinforcement tape	lm	0,9x	0,9x	0,9x	0,9x	0,9x	0,9x	0,9x	0,9x	0,9x	
Nida Start gypsum putty	kg	0,55 ²⁾	0,55 ²⁾	0,55 ²⁾	0,55 ²⁾	-	-	0,55 ²⁾	-	-	
Nida Finish gypsum putty	kg	0,15 ²⁾	0,15 ²⁾	0,15 ²⁾	0,15 ²⁾	-	-	0,15 ²⁾	-	-	
Nida Hydromix ready-to-use joint filler ³⁾	kg	-	-	-	-	0,7 ²⁾	0,7 ²⁾	-	0,7 ²⁾	0,7 ²⁾	
Nida perforated aluminium corner profile	lm	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	

²⁾ Approximate consumption standard.

³⁾ For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
 IMPORTANT: How the "X" value is calculated. X=a+2b (where: a - width of the beam cross-section, b - height of the beam cross-section).
 The standards concerning the amount of utilised material do not cover the loss of the material.

nida Drewno

Fire resistance class:
N/A

Weight of 1 linear metre of encasement:
8,2-10,0 kg

Number of related document:
Siniat installation guidelines

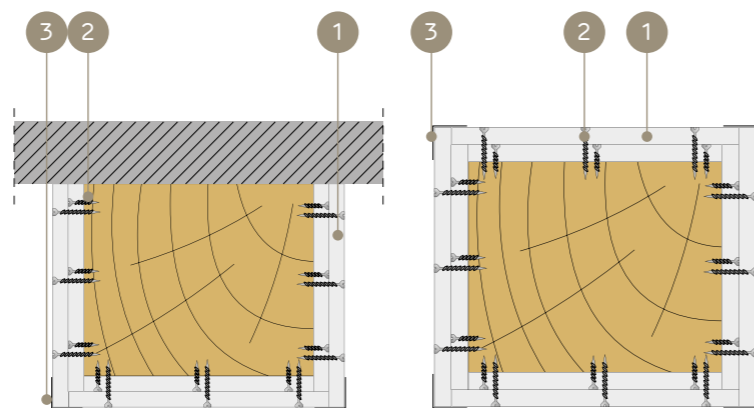
Siniat technology

SYSTEMS:
BDB/25



MATERIALS:

1. Nida plasterboard
2. Nida wood screws
3. Nida perforated aluminium corner profile
4. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
5. Nida gypsum putty



THE ENCASEMENT SYSTEM FOR THE TIMBER LOAD-BEARING STRUCTURES (BEAMS)

TECHNICAL PARAMETERS

Nida Drewno encasement type	Plasterboard sheathing			Fixing of Nida sheathing		Frame structure	Weight of 1 linear metre of encasement	Fire resistance class
	Nida	Thickness [mm]	Marking acc. to standard	With utilisation of Nida structure	Directly to timber structure	Nida	[kg]	[min]
BDB/25/Expert	Expert	25.0	A	-	●	CD60/KM	8,2	-
BDB/25/Woda ¹⁾	Woda	25.0	H2	-	●	CD60/KM	8,8	-
BDB/25/Ogień+	Ogień Plus	25.0	DF	-	●	CD60/KM	10,0	-
BDB/25/WodaOgień+	Woda Ogień Plus	25.0	DFH2	-	●	CD60/KM	10,0	-
BDB/25/Twarda	Twarda	25.0	DEFH1IR	-	●	CD60/KM	12,8	-
BDB/25/Hydro	Hydro	25.0	GMFH1I	-	●	CD60/KM	10,0	-

¹⁾ 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 MATERIAL PER 1 LINEAR METRE OF THE NIDA DREWNO ENCASEMENT FOR TIMBER LOAD-BEARING STRUCTURES

Material name	UM	Nida Drewno encasement type					
		BDB/25/Expert	BDB/25/Woda	BDB/25/Ogień+	BDB/25/WodaOgień+	BDB/25/Twarda	BDB/25/Hydro
Consumption of material per 1 linear metre							
Nida Expert 12.5 mm plasterboard	m ²	2x+0,4	-	-	-	-	-
Nida Woda 12.5 mm plasterboard	m ²	-	2x+0,4	-	-	-	-
Nida Ogień Plus 12.5 mm plasterboard	m ²	-	-	2x+0,4	-	-	-
Nida Woda Ogień Plus 12.5 mm plasterboard	m ²	-	-	-	2x+0,4	-	-
Nida Twarda 12.5 mm plasterboard	m ²	-	-	-	-	2x+0,4	-
Nida Hydro 12.5 mm plasterboard	m ²	-	-	-	-	-	2x+0,4
Nida 3.5x45 mm wood screws	pcs.	12.0	12.0	12.0	12.0	-	12.0
Nida 3.5x55 mm wood screws	pcs.	48.0	48.0	48.0	48.0	-	48.0
FixDens 4.2x42 mm screws	pcs.	-	-	-	-	12.0	-
FixDens 4.2x60 mm screws	pcs.	-	-	-	-	48.0	-
Nida reinforcement tape	lm	0,9x	0,9x	0,9x	0,9x	0,9x	0,9x
Nida Start gypsum putty	kg	0,75 ²⁾	0,75 ²⁾	0,75 ²⁾	0,75 ²⁾	0,75 ²⁾	0,75 ²⁾
Nida Finish gypsum putty	kg	0,15 ²⁾	0,15 ²⁾	0,15 ²⁾	0,15 ²⁾	0,15 ²⁾	0,15 ²⁾
Nida Hydromix ready-to-use joint filler ³⁾	kg	-	-	-	-	0,9 ²⁾	0,9 ²⁾
Nida perforated aluminium corner profile	lm	2.0	2.0	2.0	2.0	2.0	2.0

²⁾ Approximate consumption standard.

³⁾ For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
IMPORTANT: How the "X" value is calculated. X=a+2b (where: a - width of the beam cross-section, b - height of the beam cross-section).
 The standards concerning the amount of utilised material do not cover the loss of the material.