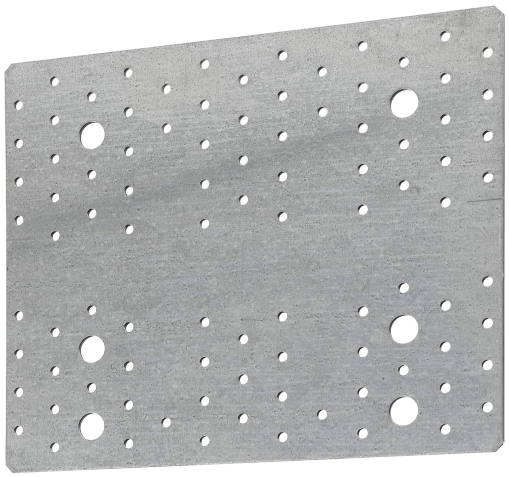
Technical Sheet

NPB255
Nail plate for CLT

The NPB255 nail plate have been designed especially for CLT building. Flexible, the installation is helped by a line that indicate where to place the plate.



Features

Materiál

Kvalita oceli:

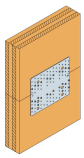
- S 250 GD+Z 275 dle norem DIN EN

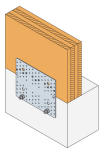
Ochrana proti korozi:

- **275 g/m pozinkováno z obou stran cca 20mm**

Vorteile

- Ideal for CLT building
- Easy installation with the line on it
- Can be used on timber and concrete support
- High capacity







Timber to concrete

Applications

Anwendungsbereich

- Velmi užitečné napínátko pro zavětrovací pásky o rozměrech 40x2,0mm.
- Mohou být použity k 60mm široké zavětrovací pásce, ale pro tento rozměr doporučujeme BANSTRS.
- Zavětrovací páska musí být přichycena hřebíky

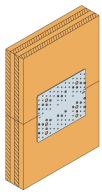


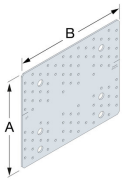
Technical Sheet

NPB255
Nail plate for CLT

Technical Data

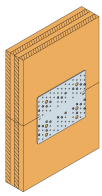
Rozměry a typické hodnoty

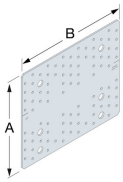




Reference	konektor rozměry						
	ostatní		rozměry výrobku[mm]			otvory[mm]	
	množství v krabici	hmotnost[kg]	A[mm]	B[mm]	tloušťka[mm]	kulatý	
						Ø	Ø14
NPB255	10	1.2	214	255	3	93	6
NPB255SO	10	1.7	294	255	3	97	6

Connection timber to timber



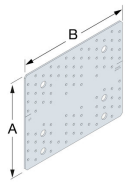


Reference	hřebík plates únosnost					
	výrobek capacities - dřevo to Rigid podpora - Nailing pattern 1					
	počet of Fasteners		výrobek characteristic capacities - dřevo C24[kN]			
	Top part	Bottom part	$R_{1,k}$		$R_{2,k}=R_{3,k}$	
			CNA4.0x50	CSA5.0x50	CNA4.0x50	CSA5.0x50
NPB255	11	2	23.9	27.6	22.8	26.3
NPB255SO	-	-	-	-	-	-
NPB255 NP 1	11	15	23.9	27.6	20.8	24
NPB255 NP 2	13	15	28.3	32.6	19.4	22.3
NPB255 NP 3	30	31	66.5	78.9	33.9	40.2
NPB255 NP 4	24	28	53.2	63.1	27.7	32.9
NPB255SO NP 5	30	31	66.5	78.9	25	29.7

The connection for timber can also be apply for CLT connection. The distances to the border have to considered in relation to the direction of fibre.
The nail pattern NP 1 to 5 are described in the pdf document available in the installation tab.

Technical Sheet

NPB255
Nail plate for CLT



Connection timber to rigit support

Reference	hřebík plates únosnost						
	výrobek capacities - dřevo to Rigid podpora - Nailing pattern 2						
	F[mm]	počet of Fasteners		výrobek characteristic capacities - dřevo C24[kN]			
		Top part	Bottom part	$R_{2,k}=R_{3,k}$		$R_{1,k}$	
				CNA4.0x50	CSA5.0x50	CNA4.0x50	CSA5.0x50
NPB255	-	-	-	-	-	-	-
NPB255S0	-	-	-	-	-	-	-

The connection for timber can also be apply for CLT connection. The distances to the border have to considered in relation to the direction of fibre. The connection to concrete has to be check for the anchors and the distances.
The ancorage of the bolts M12 has to check with the relavant distances.
The force F_2 has to considered with the lever arm "f" , which is given in the table. Ist also to find in the dpf with the nailing pattern.
The nail pattern NP 6 to 13 are described in the pdf document given first line on the installation tab.

Installation

Befestigung

On timber:

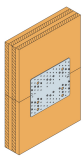
- CNA 4.0x50 on timber
- CSA 5.0x40 or CSA 5.0x50 screws

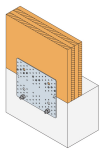
On concrete:

- Mechanical anchor: WA M12-104/5
- CHemical anchor: AT-HP resin + LMAS M12-150/35 threaded rod

Anwendungsbereich

- Velmi užitečné napínátko pro zavětrovací pásky o rozměrech 40x2,0mm.
- Mohou být použity k 60mm široké zavětrovací pásce, ale pro tento rozměr doporučujeme BANSTRS.
- Zavětrovací páska musí být přichycena hřebíky





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