

Tekniset tiedot

NPB255 Nail plate for CLT

SIMPSON
Strong-Tie

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.

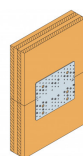
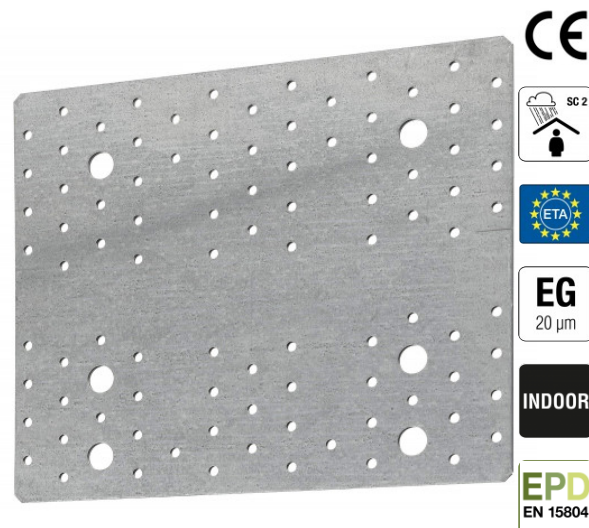
Ominaisuudet

Materiaali

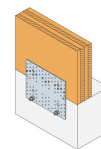
- Teräs S250GD

Hyödyt

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



NPB255



Wood to concrete



NPB255

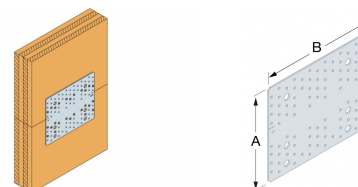


NPB255

Nail plate for CLT

Technical Data

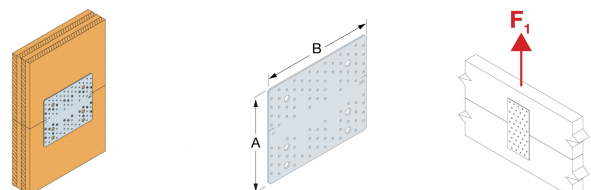
Mitat ja ominaisarvot



NPB255

Tuotenro	Mitat [mm]			Box Quantity	Paino [kg]
	A	B	Paksuus		
NPB255	214	255	3	10	1.2

Product characteristic capacities - Timber to timber - Nailing Pattern 1

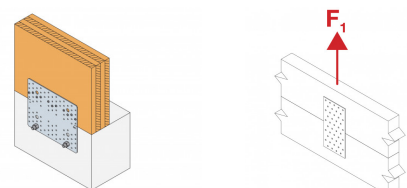


NPB255

Tuotenro	Product capacities - Timber to timber - Nailing pattern 1					
	Liitoskiinnikkeet		Kestävyyden ominaisarvot [kN]			
	Top part	Bottom part	R _{1,k}		R _{2,k}	
			CNA4.0x50	CSA5.0x50	CNA4.0x50	CSA5.0x50
NPB255	11	15	23.9	27.6	20.8	24

Timber member is prevented from rotation.
Please refer to installation tab for nail pattern details;

Product characteristic capacities - Timber to Rigid support - Nailing Pattern 1



Wood to concrete

Tuotenro	Product capacities - Timber to timber or CLT to CLT					
	Liitoskiinnikkeet		Kestävyyden ominaisarvot [kN]			
	Top part	Bottom part	R _{1,k}		R _{2,k}	
			CNA4.0x50	CSA5.0x50	CNA4.0x50	CSA5.0x50
NPB255	11	2	23.9	27.6	22.8	26.3

Timber member is prevented from rotation.
The group composed of two anchors shall be checked with shear loads F_1 and F_2 , and a momentum applied at the middle between the two anchor equal to $F_2 \cdot 120\text{mm}$ (spacing of anchors: 160 mm).
Please refer to installation tab for fastener pattern details.

NPB255

Nail plate for CLT

Asennus

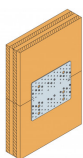
Kiinnittäminen

On timber:

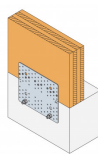
- CNA 4.0x50 on timber
- CSA 5.0x40 or CSA 5.0x50 screws

On concrete:

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



NPB255



Wood to concrete

