

Technical data sheet

SIMPSON

Strong-Tie

NP-Z

Nail plates ZPRO

The nail plates NP can be used for different application: Beam to post connection, joint of two beam,...

ZPRO coating is a unique coating - corresponding to a zinc layer of approx. 55 μm

Features

Material

Steel:

S250GD + ZPRO

Corrosion protection:

ZPRO coating - corresponding to a zinc layer of approx. 55 μm

Benefits

- High flexibility
- Can be bend on site

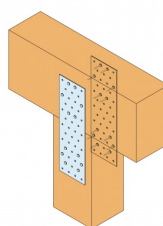
Applications

Support

Used with timber element : solid timber, glulam, Engineered timber...

Intend Use

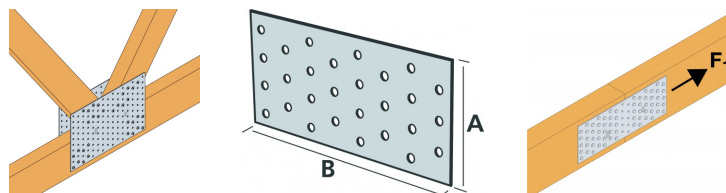
- Post to beam connection
- Joint between two beams
- Reparation



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Technical Data

Dimensions and characteristic values



References	DB nr.	Dimensions [mm]			Holes		Characteristic capacity - 1 shear plate [kN]	Box Quantity
		A	B	t	Qty	Ø	$R_{1,k}$	
NP20/100/200Z	2152522	100	200	2	45	Ø5	$\min (n \times R_{lat,k} ; 44.6/kmod)$	25
NP20/120/300Z	2152523	120	300	2	83	Ø5	$\min (n \times R_{lat,k} ; 53.5/kmod)$	25

n: the number of nails

$R_{lat,k}$: Shear capacity of the fastener

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Installation

Fasteners

- CNA-G nails Ø4.0
- CSA-Z screws Ø5.0

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