

Technical data sheet



SPF-Z
Purlin anchor ZPRO

ZPRO SPF purlin anchors are used for tensile anchorage of intersecting wood beams. The unique ZPRO coating creates the opportune properties for decking constructions in non-marine environments.

Features

Material

Steel:

S250GD + ZPRO

Corrosion protection:

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

Benefits

- ZPRO is a unique corrosion-protective coating, which provides similar corrosion protection as with hot-dip galvanized steel with 55 µm zinc.
- Designed to accommodate high tensile loads with additional load bearing in horizontal directions.

Applications

When to Use

- Wood / wood connections

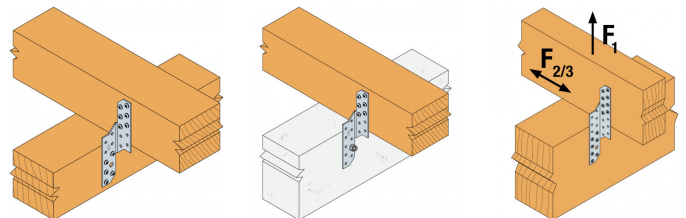
Suitable On

Supporting member:

Treated wood

Supported member:

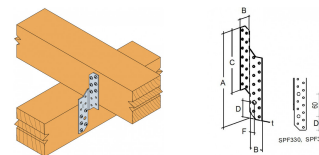
Treated wood



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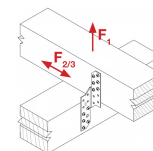
Product Dimension



References	DB nr.	NOBB nr.	Product Dimensions [mm]						Holes Flange A		Holes Flange B	
			A	B	C	D	F	t	Ø5	Ø5	Ø9	
SPF210LZ	-	60047345	210	32.5	140	37.5	14	2	14	13	1	
SPF210RZ	-	60047346	210	32.5	140	37.5	14	2	14	13	1	

The Type "SPF...L" is the left version
The type "SPF...R" is the right version

Product characteristic capacities - Timber beam to timber beam - 1 connector



References	Characteristic capacities - Timber to timber							
	Fasteners		Product characteristic capacities - Timber C24					
	Header	Purlin	R _{1,k}		R _{2,k}		R _{3,k}	
	Qty	Qty	CNA4,0x40	CNA4,0x60	CNA4,0x40	CNA4,0x60	CNA4,0x40	CNA4,0x60
SPF210LZ	7	7	min(9,7 ; 8,4 /kmod)	min(12,4 ; 8,4 /kmod)	3.3	4.1	1.5	2.5
SPF210RZ	7	7	min(9,7 ; 8,4 /kmod)	min(12,4 ; 8,4 /kmod)	3.3	4.1	1.5	2.5

The capacities are given for one SPF, where the header and purlin are prevented against rotation
The capacity for connection with 2 SPF is the sum of the single capacities.

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Installation

Fixing

- The fixing needs to be done with CNA HDG threaded nails or CSA-Z Impreg+ screws.
- For connection to concrete, the fixing need to be done with Ø8mm anchor.

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