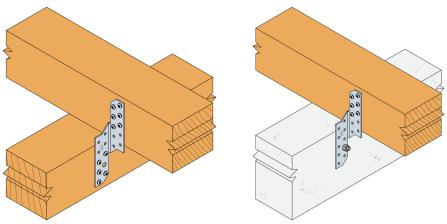
Technical Sheet

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 construcktions 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

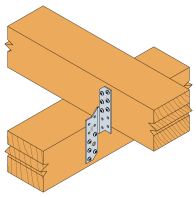
Supporting member:
Treated wood
Supported member:
Treated wood

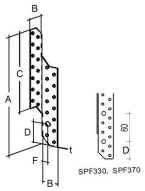
Technical Sheet

SPF-Z
Purlin anchor ZPRO

Technical Data

Product Dimensions





Reference	Connector Dimensions												
	Other				Product Dimensions[mm]						Joist	Flange B	
	DB. nr.	NOB nr.	Qty per Box	Weight[kg]	A[mm]	B[mm]	C[mm]	D[mm]	F[mm]	t[mm]	Round	Round	
											Ø5	Ø5[mm]	Ø9
SPF210LZ	-	60047345	100	0.13	210	32.5	140	37.5	14	2	14	13	1
SPF210RZ	-	60047346	100	0.13	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

Reference	Ties capacity							
	Product Characteristic capacities - Timber to timber - Full nailing							
	Number of Fasteners		Characteristic capacity - Timber C24 2 connectors[kN]					
	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	7.0	7.0	min(9,7 ; 8,4 /kmod)	min(12,4 ; 8,4 /kmod)	3.3	4.1	1.5	2.5
SPF210RZ	7.0	7.0	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.

Installation

Fixing

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

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