

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.

Ominaisuudet

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.

Sovellus

When to Use

- Wood / wood connections

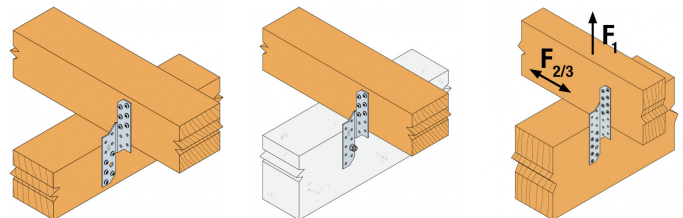
Suitable On

Supporting member:

Treated wood

Supported member:

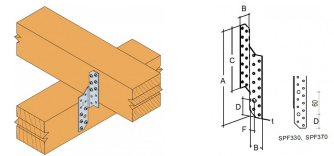
Treated wood



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Technical Data

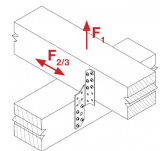
Product Dimension



| Tuotenro | 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



| Tuotenro | 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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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.

