

## Technical data sheet

**SIMPSON**

**Strong-Tie**

PPS

### Concealed post base with plate

*Post bases type PPS allow to create discreet and reliable connections. Their design with vertical flange allow to carry uplift loads.*

## Features

### Material

- S253JR steel according to EN 10025.
- Hot-dip galvanized coating according to EN ISO 1461.

### Benefits

- Specifically designed to carry uplift loads

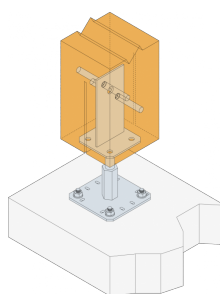
## Applications

### Header member

- **Supporting member:** wood, concrete, steel
- **Supported member:** solid timber, composite lumber, glued-laminated timber.(post 200 x 200 max).

### Applications

- Pergola
- Terrace



PPS

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## Technical Data

### Product Dimensions

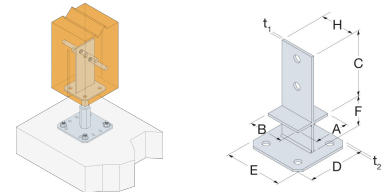


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### Characteristic Capacities

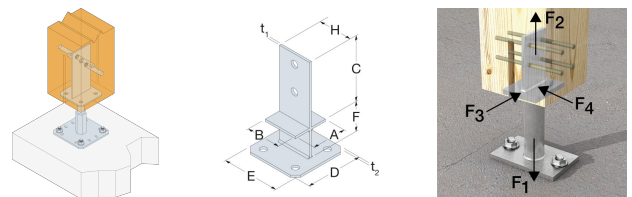


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### Characteristic values

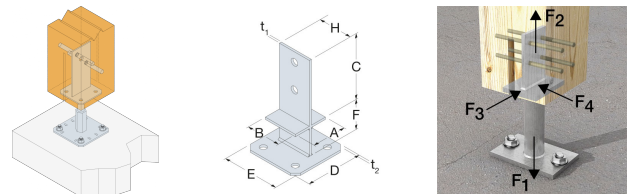


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## Installation

### Fixing

#### **On wood:**

- STD 12 dowels.
- Bolts dia. 12 mm.

#### **On concrete:**

- Mechanical anchor: WA M10-78/5
- Chemical anchor: AT-HP resin + LMAS M10-120/25 threaded rod.

#### **On steel:**

- Bolts.

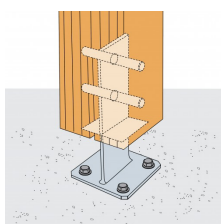
### Installation

#### **Top part :**

1. Create a vertical notch in the center of the post (width in line with the thickness of the steel plate)
2. Identify the position of dowels (or bolts) on the side of the post.
3. Drill transversely the post to insert dowels (drill diameter depend on dowel diameter)
4. Place the concealed post base and insert dowels.

#### **Bottom part :**

1. Fix the post base to the post,
2. Drill the support vertically to the correct diameter to the recommended depth
3. Install the post and finalise the fixing on the ground.



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