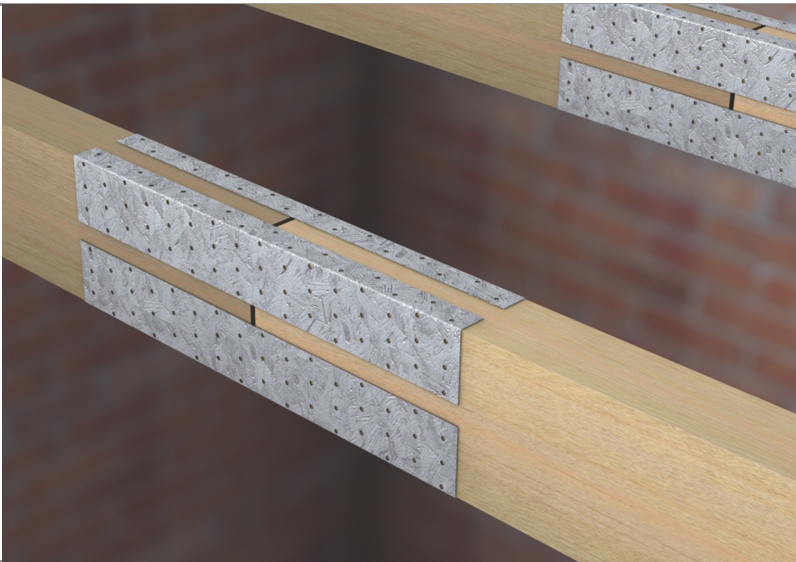
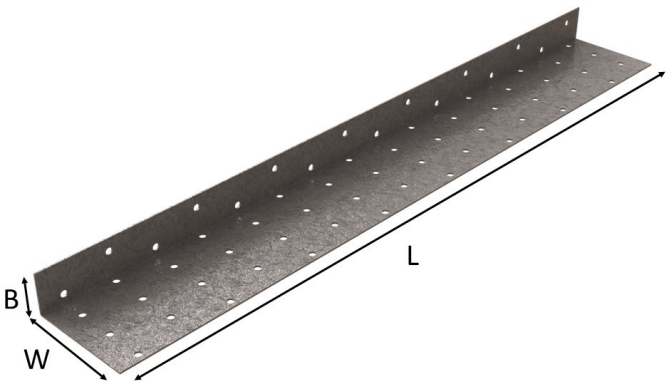


SP Splice Plate

Data sheet

Issue Date:
May 2026

The SP is an economical on-site method of butt jointing timbers of similar section. Suitable for use when replacing rotten floor joist ends, replacement of fire damaged timbers and repairing localised structural timber damage. Manufactured from 0.9mm thick steel. Must be fixed in sets of 4 per joint, minimum timber thickness 50mm. Fix using BPC Sheradised square twist nails in all available holes. Box includes required nails. Box quantity 32 pieces + nails.



Product

Features:

- Easy to install
- Used to repair damaged joists

Fixings:

- 3.75 x 30mm sherardised square twist nail (supplied with product)

Approvals:

- CE Marked
- UKCA Marked

Packaging:

- Box Quantities 32 pieces + nails
- SP/100x350 sold in sets of 4No. Exc nails

Performance/Loads

Manufactured from S250GD 0.9mm Galvanised mild steel.

Loads in the table are based on third party testing and for tension connection only, moments need to be calculated by the Building Designer using first principal method.

Product Details						
Product code	Dimensions (mm)			Holes no. 4.0 Ø (mm)		Characteristic Capacity (kN)*
	L	W	B	Plate 1 (L)	Plate 2 (B)	
SP/57x400	400	57	18	40	8	14.0
SP/82x550	550	82	18	88	11	19.0
SP/98x550	550	98	18	99	11	22.0
SP/100x350	350	100	15	63	7	19.0

Note: It is the responsibility of the Building Designer to ensure the suitability for the connection.
* Loading figures stated are for **four** components

