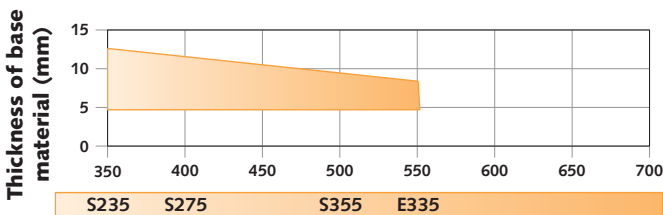


Application limit



Designation according to European standard EN 10027-1

Ultimate tensile strength of base material (N/mm²)

Embedment depth in base material

		$H_{nom}^{(1)}$ (mm)
Steel	S235	12
	S355	10
Concrete C20/25	C30/37	20 - 25
	C40/50	15 - 20
	C50/60	15 - 20

⁽¹⁾ indicative value

Description

- Timber to concrete
- Timber to steel
- Steel to Steel
- Steel to concrete

Material properties

- Electrogalvanised, min zinc coating 7µm

Tools

P370 & P200
SC9 Collated only with P370 C60

Nail length selection

Fixing of steel sheet

SC9 (SC9-LT)	Thickness of steel sheet		Eurocode for SC9 Collated	Eurocode for SC9 Single Shot
	S235	C30/37 ⁽¹⁾		
SC9-15	≤ 1.5	-	011340	032500
SC9-20	≤ 3	-	011341	032510
SC9-25	-	≤ 3	011342	032950

Fixing of timber

SC9 (SC9-LT)	Thickness of timber	Eurocode for SC9 Collated	Eurocode for SC9 Single Shot
	C30/37 ⁽¹⁾		
SC9-25	≤ 5	011342	032950
SC9-30	5 - 10	011343	032930
SC9-35	10 - 15	011344	032940
SC9-40	15 - 20	011345	032920
SC9-50	25 - 30	011346	032910
SC9-60	35 - 40	011347	032900
SC9-70	45 - 50	-	032890

⁽¹⁾ For other concrete class, select the length of pin with the embedment depth given above.

Recommended loads

Base material	N_{Rec} (kN)	V_{Rec} (kN)
Steel S235 Thickness min. 5mm	2.0	2.0
Concrete C20/25	0.5	0.5

Recommended loads are calculated with global safety factor (a).