

SW8-RT-4.8 x L range

Case hardened carbon steel fastener for fixing roofing membranes and insulating material to substructures made of sheet steel $\geq 0.75\text{mm}$ $\leq 1.5\text{mm}$, timber, plywood or OSB.

Application Features

- Suitable for fastening mineral wool or rigid insulation to steel decking, steel frame and timber substrates
- Can be used to fix into certain sheathing boards, contact EJOT Technical for further information
- Used in combination with EJOT stress plates
- Manufactured with high thread to prevent screw head protrusion due to foot traffic in flat roofing applications

Material Specification

- High quality case hardened low carbon steel manufactured in accordance with BS EN ISO 10666
- Climadur coated – high-quality coating to improve corrosion protection (15 Kesternich cycles, DIN 50018, 1997)

Performance Details

Ultimate Fastener Tensile Strength

Fastener Diameter	kN
4.8 x L	11.30

Ultimate Fastener Shear Strength

Fastener Diameter	kN
4.8 x L	7.50

Ultimate Pullout Load kN

Fastener Diameter	Nominal Steel Thickness (mm)				Timber	Plywood	OSB-3
	0.75	0.88	1.00	1.20	40.00	18.00	18.00
4.8 x L	1.69	2.02	2.63	3.21	5.37	1.87	1.83

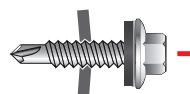
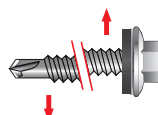
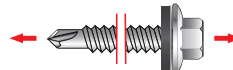
Figures based on tests from construction grade timber and on tests from construction grade steel up to 0.9mm designated as S220GD (BS EN 10346), minimum yield strength 220 N/mm². Steel 1.0mm and thicker is designated as S350GD (BS EN 10346) construction grade steel, minimum yield strength 350 N/mm².



Drive Tool

8mm Hex

Self-drilling fastener range



Figures shown on this data sheet are based on results obtained from tests carried out in EJOT UK's Applitec laboratory in accordance with equipment conforming to current industry standards, on a random sample of fasteners manufactured to EJOT tolerances. Information supplied should form part of a general guide and should performance data for a specific application be required please do not hesitate to contact us.