

JT3-FR-2H-5.5 x L PLUS range

A2 stainless steel bi-met fastener for fixing profiled roofing and cladding sheets to steel and aluminium sections.

Application Features

- For fixing profiled roofing and cladding sheets to light steel sections
- Side lap stitching of profiled steel and aluminium sheets
- Steel sections from 0.7mm - 2.0mm (maximum combined drilling capacity 2.7mm)
- Low profile head available powder coated
- Can be used in conjunction with S12 stainless/EPDM vulcanised sealing washers



Material Specification

- High quality stainless steel grade A2 to ISO 3506, EN 1.4301 to EN 10088, AISI 304
- High quality hardened carbon steel drill point



Performance Details

Ultimate Fastener Tensile Strength

Fastener Diameter	kN
5.5 x L	11.50

Ultimate Fastener Shear Strength

Fastener Diameter	kN
5.5 x L	7.50

Ultimate Pullout Load kN

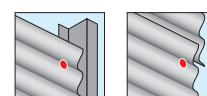
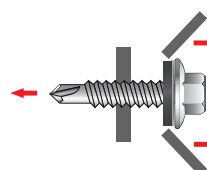
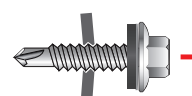
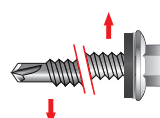
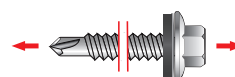
Fastener Diameter	Nominal Steel Thickness (mm)						
	0.60	0.70	0.90	1.20	1.5	2.0	2.5
5.5 x L	0.76	1.02	1.35	2.07	2.79	3.73	

Figures based 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.

Ultimate Pullover Load kN

Washer Face	Nominal Sheet Thickness (mm)			
	0.5	0.7	2 x 0.5	2 x 0.7
5.5 x L	1.1	1.7	2.2	3.0

Figures based on use with R38 profile steel sheets with fastener located in valley of profile.



Drive Tool



Self-drilling fastener range

Certifications



ETA-10/0200



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.