

OPTICORE TS 6.3 x L range

Case hardened steel fastener with engineered integral nylon head for fixing membrane faced sandwich panels to timber.

Application Features

- Engineered integral nylon head for rapid coring of the membrane and insulation core for a one step fix of membrane faced sandwich panels
- Mechanical performance is dependent on embedment and grade of timber

Material Specification

- High quality case hardened low carbon steel manufactured in accordance with BS EN ISO 10666
- Organic corrosion resistant finish
- High impact coloured nylon head, resistant to temperature from -40°C to 120°C



Performance Details

Ultimate Fastener Tensile Strength

Fastener Diameter	kN
6.3 x L	16.10

Ultimate Fastener Shear Strength

Fastener Diameter	kN
6.3 x L	10.70

Ultimate Pullout Load kN

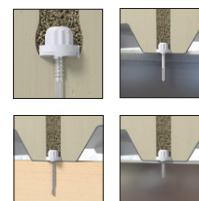
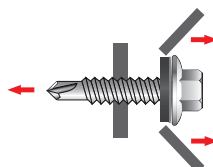
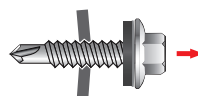
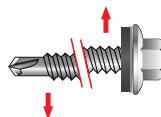
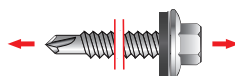
Fastener Diameter	Nominal Steel Thickness (mm)	
		45.00
6.3 x L	3.70	

Figures based on tests from construction grade timber.

Ultimate Pullover Load kN

Washer Face	Nominal Steel Thickness (mm)	
		0.63
Unwashed	5.70	4.30

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



Drive Tool



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.