

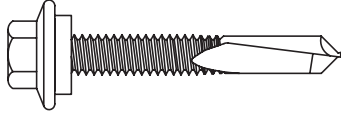


Maxiseal® - MXL38

Self drilling fasteners for Cladding Applications



8mm Hex



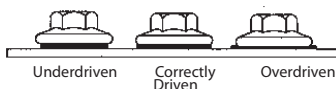
Applications

- Steel framing systems
- Roofing and Insulation systems
- Bracketry to steel
- Flashing
- Composite panels
- Wind posts

Installation Guidelines

- A standard screwgun with a depth sensitive nosepiece should be used to install Teks. For optimal fastener performance, the screwgun should be a minimum of 6 amps and have an RPM range of 0-2500
- Adjust the screwgun nosepiece to properly seat the fastener.
- New magnetic sockets must be correctly set before use. Remove chip build-up as needed
- Overdriving may result in torsional failure of the fastener or stripout of the substrate
- The fastener must penetrate beyond the metal structure a minimum of 3 pitches of thread

Properly Seated Washers



→ Maxiseal, self drilling fasteners with 15mm integral washer system for fixing to steel 4.0mm - 12.5mm

Technical Data for 8mm Hex Head

SCREW TYPE	Total length	Diameter	Steel Thickness	Maximum Fixture Thickness*	Eurocode
MXL38	38mm	5.5mm	4.0mm - 12.5mm	12.5mm	921183

*Please note- fixture may require pre-drilling in some applications

Performance Data

Recommended Tensile Values

Steel Thickness			
3mm	4mm	5mm	6 -12.5mm
2.26kN	3.2kN	5.4kN	5.9kN

Recommended Shear Values

Steel Thickness			
3mm	4mm	5mm	6 -12.5mm
3.23kN	3.23kN	3.23kN	3.23kN

Ultimate Fastener Loads

TENSILE	SHEAR	TIGHTENING TORQUE
14.1kN	9.7kN	≤ 16.5Nm

Typical Performance Parameters

Climaseal® Coating

→ Climaseal is a high quality metal filled thermoset coating. Climaseal has been uniquely formulated to react and form a complete long life protection to provide the optimum in corrosion resistance properties. Climaseal is self sacrificing to the base substrate if penetrated or damaged. Fasteners coated with Climaseal exhibit excellent resistance most forms of abrasion and torque.

→ **Chemical Identification:** Organometallic Polymer

→ **Colour:** Silver/Metallic Grey

→ **Cure:** Thermoset

→ Typical Film Properties:

Humidity Resistance	Excellent
Solvent Resistance	Excellent
Impact Resistance	Excellent
UV Resistance	Excellent

→ **Fastener:** TEKS

→ **Base Treatment:** Zinc (non-electrolytically applied)

→ **Film:** Climaseal (Thermoset Polyester)

→ **Test Method:** Salt Spray, ASTM B117 - 720 hrs
Kesternich, DIN50018, 2.0L

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