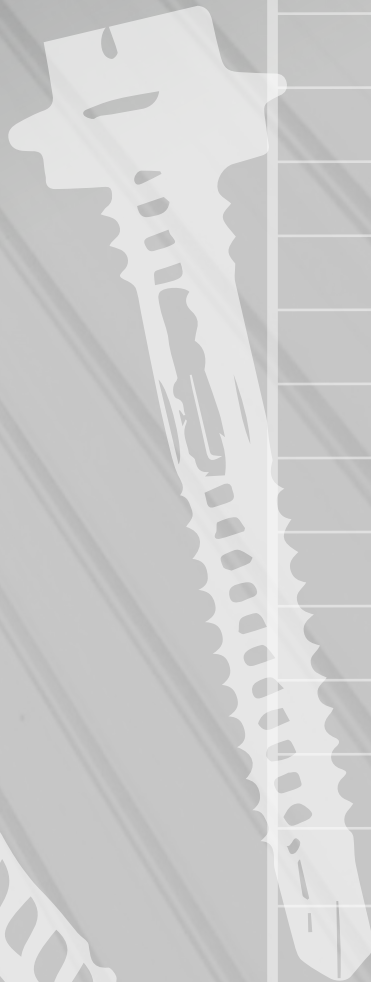
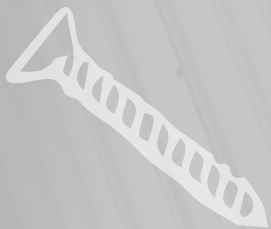


XTSeal Fasteners

ASTeks™



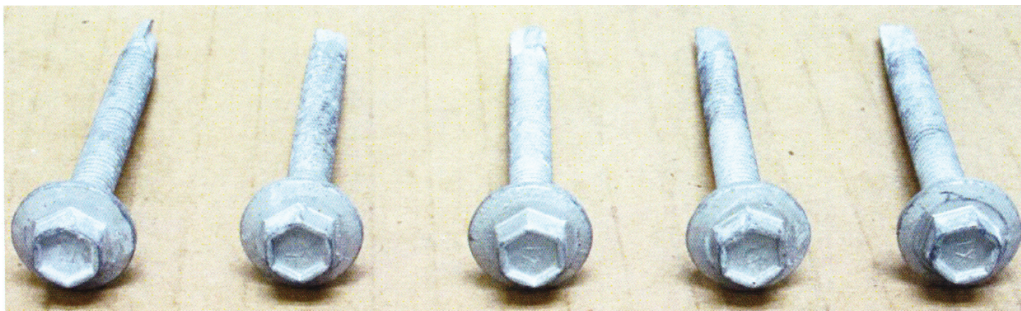
All You Need To Know
"QUALITY FASTENERS"

XTSeal fasteners are purpose-designed fasteners with a multi-barrier coating formulated to withstand external weather conditions. The multi-layer XTSeal barrier is built on solid zinc-tin foundations can exceed 1,000 salt spray hours on driven fasteners. Fasteners are tested by accredited 3rd Party Laboratories in accordance to ASTM B117 and ISO 9223 Class 3.

The fasteners are manufactured from AISI C1022 grade of carbon steel which has been heat treated to the specifications of the Australian Standards (AS3566.1 – 2002). These heat treatment specifications coupled with the newly enhanced XTSeal coating will provide optimal drilling performance while offering top notch corrosion resistance will make installation smoother and faster. XTSeal Fasteners come with the general ASTeks™ features such as Duo-Grip and Shank Protector. Fasteners also come with the option of Dekseal TrueBlue Washers or DEKS Bonded Washers.



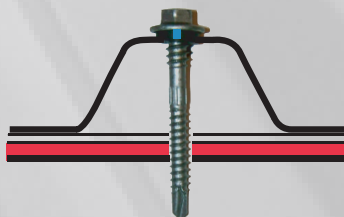
Before testing



After
1000 hours
neutral salt
spray test

**Test conducted by 3rd Party Accredited Test Laboratory*

Crest Fixing



Drilling Capacity < 6.0mm

Drilling Capacity < 12.5 mm

Hardwood

Without Insulation

XT 12-14 x 50 DGS

XT5 12-24 x 50 DGS

XT17 12-11 x 50 DGS

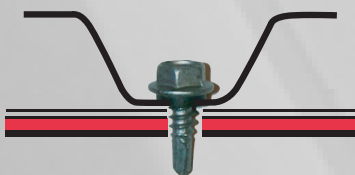
With Insulation

XT 12-14 x 65 DGS

XT5 12-24 x 65 DGS

XT17 12-11 x 65 DGS

Valley Fixing



Drilling Capacity < 6.0mm

Drilling Capacity < 12.5 mm

Without Insulation

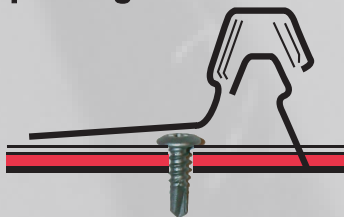
XT 10-16 x 16 HxW

XT5 12-24 x 32 HxW

With Insulation

XT 12-14 x 20 HxW

Clip Fixing



Drilling Capacity < 6.0mm

Drilling Capacity < 12.5 mm

Without Insulation

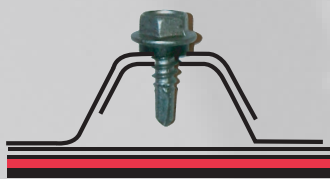
XT 10-16 x 16 Waf

XT5 12-24 x 32 Waf

With Insulation

XT 10-16 x 22 Waf

Overlap Fixing



Drilling Capacity < 2.0mm

XT 14-14 x 20 HxW

TECHNICAL SPECIFICATIONS

PERFORMANCE (kN)

Ultimate Average Pullout Loads				
Gauge/TPI	1.0mm	1.5mm	1.9mm	2.5mm
10G - 16TPI	4.0	4.7	6.9	6.5
12G - 14TPI	2.8	4.9	6.0	6.6

CAL PROPERTIES (kN)

	Single Shear	Axial Tensile	Torsion
10G	6.9	12.0	8.5
12G	9.0	15.2	13.5



ASTeks™ XTSeal Fasteners Warranty

Warranty Period

Enviromental characteristics

To determine the enviroment type, an inspection of the buildings in the area is necessary.

ASTeks™ XTSeal

Mild Urban / Rural (ISO Category 2)

All areas far from the sea coast, industrial areas more than 2km from heavy industries fallout.

40 years

Light Industrial / Urban (ISO Category 2 - 3)

This is the area of light industrial pollution covering most inland towns/cities. Usually between 500m-1000m from heavy industries fallout.

30 years

Moderate Industrial (ISO Category 3)

Characterised by fallout from nearby industrial enviroments or where small industries lead to significant industrial fallout.

20 years

This Warranty is subject to the following conditions and limitations:

- I. The Warranty is valid if the products are installed in accordance with the specification and relevant environmental conditions are applied.
- II. The customer must notify in writing any claims of defects to ANADAL Trading Sdn. Bhd. or ASTeks Corporation Pte. Ltd. before proceeding with any action.
- III. The Environmental type of the structure shall be decided conclusively by ANADAL Trading Sdn. Bhd. after inspection of the surrounding areas.
- IV. To the extent permitted by law, ASTeks or its local authorised agent, ANADAL Trading Sdn. Bhd. will not be under any liability for any other loss including consequential or special loss or damage (except for the replacement of the defective fasteners) howsoever caused, including direct and indirect consequential or incidental damages.
- V. This Warranty shall be against the loss of structural integrity of the fastener due to the effects of corrosion of metallurgical defects from the date of installation. It does not cover the aesthetic performance of the coatings.