Product Code

# FixingPoint.

# **Drilltite Self-Drilling and Tapping Fasteners**



# Application

Fasteners for fixing both site assembled and factory assembled metal roofing and walling systems.

#### Construction

One-piece, cold forged, hardened, 8–10mu nominal zinc plated with passivation coat.

#### Material

Modified Carbon steel. Grade 1022.

## Compliance

BS 4174
BS ISO 9002
BS 5427 Part 1 1996\*

## **Drive Type**

Standard; 5/16" hex head. Colortite; 11mm nylon moulded head, colour range see catalogue. For information on Colortite element see separate data sheet 09CT.

- DIN 7504
- BS 3382 Part 1 & 2
- ASTMS G527 & D2000

#### Diameter

- 4.8mm
- 5.5mm
- Shear Strength
- 8.36kN Ultimate—5.5mm ø

#### **Tensile Strength**

• 12.50kN Ultimate—5.5mm ø

# **Pullout Resistance**

Mild steel purlin—5.5mm ø

Hv Hardness
• 544 - 653

#### Eccs Bend Test

• To clause 5.2.18.1. where applicable.

#### **Corrosion Resistance**

- Salt spray to DIN 50021.
- Kesternich Sulphur Dioxide to DIN 50018.

# Life Expectancy

• Exceeds 12 years in correct application.

# Product Range

• Various lengths, to suit purlins from 1.2mm to 3.5mm. For full range see catalogue.

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Thickness1.2mm1.6mm2.0mm3.0mm					
	Thickness	1.2mm	1.6mm	2.0mm	3.0mm
Ultimate values         2.10kN         2.70kN         4.40kN         6.58kN	Ultimate values	2.10kN	2.70kN	4.40kN	6.58kN

N.B. Also suitable for fastening to timber.

Fixing Point makes every effort to ensure the accuracy of the data given, however no liability can be accepted for errors, omissions, or inaccuracies. We have a policy of continuous product development and improvement and reserve the right to change specifications without notice.

All test data has been obtained in the laboratory. Pullout figures are based on realistic purlin layouts, however, for safety we recommend that pullout performance should be confirmed on site.

\*British Standard 5427 Part 1 1996 (Code of practice for Roofing and Cladding) States: 'As a code of practice, this part of BS 5427 takes the form of guidance and recommendations. It should not be quoted as if it were a specification and particular care should be taken to ensure that claims of compliance are not misleading.'

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