Product Code

DT

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.

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.

Compliance

- BS 4174
- BS ISO 9002
- BS 5427 Part 1 1996*
- DIN 7504
- BS 3382 Part 1 & 2
- ASTMS G527 & D2000

Diameter

- 4.8mm
- 5.5mm

Shear Strength

- 8.36kN Ultimate—5.5mm ⌀

Tensile Strength

- 12.50kN Ultimate—5.5mm ⌀

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.

Pullout Resistance

Mild steel purlin—5.5mm ⌀

Thickness	1.2mm	1.6mm	2.0mm	3.0mm
Ultimate values	2.10kN	2.70kN	4.40kN	6.58kN

N.B. Also suitable for fastening to timber.

*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.'

Runnings Road, Kingsditch Ind Estate, Cheltenham, Gloucestershire, GL51 9NQ • 01242 265 100 • sales@fixingpoint.com • www.fixingpoint.com