

Technical Data Sheet Guardian BS 4.8mm Stainless Steel Fastener

Product Use:

4.8mm diameter stainless steel roofing fastener for use with the Guardian tube system, suitable for securing insulation and membrane to steel decks.

Description:

- For use with Guardian tube system.
- Fixing insulation & membrane to steel decks (0.7mm to 1.25mm thick).
- Torx 25 drive head.
- Drill point carbon steel (drilling capacity 2 x 1.25mm).
- Packed in buckets.
- ETA Approval 08/0285.
- Stainless Steel A4 + coating.

Technical Specification:

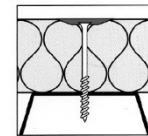
Code	Description
19-BS-S-48060	4.8 x 60mm Guardian St/Steel BS Roofing Screw
19-BS-S-48080	4.8 x 80mm Guardian St/Steel BS Roofing Screw
19-BS-S-48100	4.8 x 100mm Guardian St/Steel BS Roofing Screw
19-BS-S-48120	4.8 x 120mm Guardian St/Steel BS Roofing Screw
19-BS-S-48140	4.8 x 140mm Guardian St/Steel BS Roofing Screw



Substrate	Pull-Out Value
Steel 0.75mm	1.6kN
Steel 1.00mm	2.0kN

Based on 20mm Fastener Penetration

Certification:



Tubes:

The BS stainless steel fasteners can be combined with the following from the Guardian tube range:

R75 Standard ✓
(fixing insulation or underlays)



R45 Standard ✓
(fixing membrane in the overlap)



RB48 Standard Barbed ✓
(fixing membrane in the overlap)





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Installation:

In order to ensure the correct application of the tube & fastener combination into the substrate and to avoid overdriving and/or damage, all sleeves and fasteners must be installed using only the recommended tooling, including screw guns (with torque setting), drive bars and correct bits etc.

A project specific wind uplift calculation should be carried out to ensure the correct density of fasteners is installed. Pull-out testing should also be undertaken for all refurbishment projects.

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