

BS-S 4.8

Fastener for fixing insulation boards for use under Sika Liquid Plastics waterproofing systems

Product Description

Stainless steel fastener for mechanical fixing into timber and steel substrates.

Uses

BS-S 4.8 fasteners are used in combination with the SBT tube & SBIW pressure plate for fixing insulation, into steel and timber substrates. BS-S 4.8 fasteners can also be used in conjunction with the appropriate pressure plate.

Characteristics / Advantages

- Resistance against common environmental influences
- Ease of application when used with recommended tooling
- Self tapping fastener, pre-drilling is not required (up to 2 x 1mm steel & 18mm timber)
- Recyclable

Tests

Approvals / Standards

- British Board of Agrément (BBA) certified No. 14/5147
- Quality management system EN ISO 9001/14001

Product Data

Form

Appearance

Metal

Storage

Storage Conditions

BS-S 4.8 shall be stored in dry conditions.

Shelf-Life

BS-S 4.8 does not expire during correct storage.

Technical Data

Material Basis

Austenitic stainless steel, grade AISI 316, grade A4

Thread

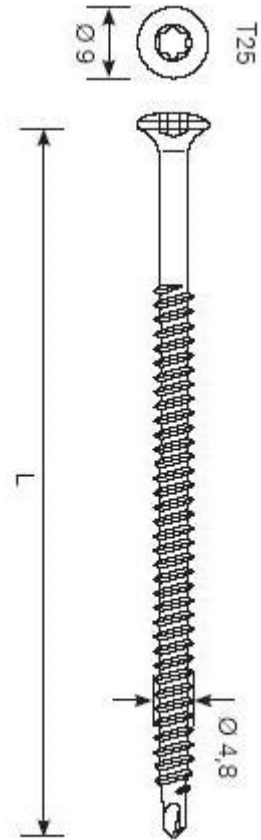
4.8mm diameter

Head type/drive

- Head diameter 9.0mm
- Head height 3mm
- Drive T25

Corrosion resistance

15 cycles Kesternich test (concentration SFW 2.0 S in accordance with DIN 50018) according to ETAG 006 - D.3.1.



Product range	BS-S 4.8 x length	Packaging Unit (pcs.)	Weight / packaging (kg)
	BS-S 4.8 x 60	250	1.60
	BS-S 4.8 x 80	250	2.15
	BS-S 4.8 x 100	250	2.50
	BS-S 4.8 x 120	250	2.80
	BS-S 4.8 x 140	250	3.30
	BS-S 4.8 x 160	250	4.01
	BS-S 4.8 x 180	250	4.31
	BS-S 4.8 x 200	250	4.78

**System
Information**

System Structure

Ancillary Products:

- SVap 500E/Joining Tape
 - Decotherm Insulation Board
 - SBT tube/SBIW Insulation Washer
 - Primer 600/Carrier Membrane SA
 - Sika Liquid Plastics Waterproofing Systems
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**Application
Conditions / Limits****Temperature**

The use of the BS-S-4.8 fasteners is limited to geographical locations with average monthly minimum temperatures of -50 °C. Permanent ambient temperature during use is limited to +50 °C.

**Installation
Instructions****Installation method**

The BS-S-4.8 fasteners must be installed in accordance with Sika Liquid Plastics instructions.

- The embedment is typically a minimum of 15mm through the underside of the substrate
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**Notes on Installation /
Limits**

Installation works to be carried out only by Specialist Roofing Contractors.

Temperature limits for installation:

Substrate temperature: -30 °C min. / +60 °C max.

Ambient temperature: -20 °C min. / +60 °C max.

Special measures may be compulsory for installation below +5 °C ambient temperature due to safety requirements in accordance with national regulations.

Value Base All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

Local Restrictions Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

Ecology, Health and Safety Information The product does not fall within the EC-regulation of hazardous goods. As a result, a material safety data sheet following EC-Guideline 91/155 EWG is not needed to bring the product to the market, transport or use it. The product does not damage the environment when used as specified.

Protective Measures Regulatory safety requirements must be observed.

Transportation Class The product is not classified as hazardous good for transport.

Disposal The material is recyclable. Any disposal must be according to regulatory requirements.

Disclaimer The information, and, in particular, the recommendations relating to the application and end- use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

Specification assistance NBS is the industry standard specification system, which allows architects, specifiers and engineers to insert clauses into specifications by manufacturer and product, making the process quicker and more efficient. We are members of NBS Plus and therefore detailed up-to-date product information is readily available to create accurate specifications.

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