BUILDING TRUST

PRODUCT DATA SHEET

Sarnafast® SF-4.8

Carbon Steel Fastener for Mechanically Fastened Roof Waterproofing Membranes and Thermal Insulation

DESCRIPTION

Case hardened carbon steel fastener with self drilling tip for mechanical fastening roof waterproofing membranes and thermal insulation.

USES

Steel fastener for mechanical fastening roof waterproofing membranes and thermal insulation into steel or timber decks. Used in combination with:

- Sarnafast® KT
- Sarnafast® DT
- Sarnabar® Fastening Profiles
- Sarnafast® IF/IG-C

CHARACTERISTICS / ADVANTAGES

- Fast and easy installation due to optimised drill tip
- High pull-out values with asymmetric fastener thread
- High quality corrosion protection, free of Chromium VI
- Support thread under the fastener head provides a treadfast fastening system

APPROVALS / STANDARDS

- European Technical Approval ETA-23/0859
- FM Approval Standard 4470

PRODUCT INFORMATION

Chemical Base	Case hardened carbon steel with Durocoat® corrosion protection.
Packaging	Refer to current price list for packaging variations.
Appearance / Colour	Suface: smooth
Shelf Life	5 years from date of production.
Storage Conditions	The product must be stored in original, unopened and undamaged sealed packaging in dry conditions. Always refer to packaging.
Head Type	▪ Hexagon head diameter 8 mm ▪ Head height 4 mm

TECHNICAL INFORMATION

Corrosion Resistance	Resistance 15 cycles Kesternich test according to: • EAD 030351-00-0402, A2.4

APPLICATION INFORMATION

Ambient Air Temperature	- 20 °C min. / + 60 °C max.

Substrate Temperature	- 30 °C min. / + 60 °C max.

BASIS OF PRODUCT DATA

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.

LIMITATIONS

- Installation work must only be carried out by Sika® trained and approved contractors, experienced in this type of application.
- The use of the Sarnafast® SF-4.8 is limited to geographical locations with average monthly minimum temperatures of - 50 °C. Permanent ambient temperature during use is limited to + 50 °C.

ECOLOGY HEALTH AND SAFETY

This product is an article as defined in article 3 of regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use. A safety data sheet following article 31 of the same regulation is not needed to bring the product to the market, to transport or to use it. For safe use follow the instructions given in this product data sheet.Based on our current knowledge, this product does not contain SVHC (substances of very high concern) as listed in Annex XIV of the REACH regulation or on the candidate list published by the European Chemicals Agency in concentrations above 0.1 % (w/w)

APPLICATION INSTRUCTIONS

APPLICATION

Installation works to be carried out only by Sika instructed contractors for roofing.
Sarnafast® SF-4.8 must be installed in accordance with Sika application manual and installation instructions:
a) on steel deck:

Substrate quality:	S235 – S320GD
Substrate thickness:	min. 0.6 mm
	max. 2 × 1.25 mm or 1 × 2.0 mm
Setting depth:	min. 20 mm

b) on timber deck:

Substrate material thickness:	min. 18 mm
Setting depth:	min. 30 mm

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.

LEGAL NOTES

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.

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