

PRODUCT DATA SHEET

Sarnafast® SF-4.8

CARBON STEEL FASTENER FOR MECHANICALLY FASTENED ROOF WATERPROOFING MEMBRANES

DESCRIPTION

Case hardened carbon steel fastener with self drilling head.

USES

- Used in combination with Sarnafast® Washer KT 82 × 40, Sarnabar® Fastening Profiles or other stress plates for the mechanical fastening of roof waterproofing membranes and insulation onto steel or timber decks.

CHARACTERISTICS / ADVANTAGES

- Self-drilling fastener for steel and timber decks
- Recyclable



APPROVALS / CERTIFICATES

- European Technical Approval ETA-08/0262
- FM Approved FM Approvals, Sarnafast® Fastener SF-4,8, FM Approvals, Certificate compliance

PRODUCT INFORMATION

Composition Case hardened carbon steel

Packaging	Length SF-4,8	Article Number SAP	Packaging Unit	Weight / Pack- aging
	60 mm	111112	500 pcs.	3,62 kg
	70 mm	111113	500 pcs.	4,14 kg
	80 mm	111114	500 pcs.	4,80 kg
	90 mm	111115	500 pcs.	5,12 kg
	100 mm	111116	500 pcs.	5,52 kg
	120 mm	111117	500 pcs.	6,48 kg
	140 mm	111118	250 pcs.	3,74 kg
	160 mm	111119	250 pcs.	4,21 kg
	180 mm	111120	100 pcs.	1,87 kg
	200 mm	111121	100 pcs.	2,06 kg
	220 mm	111122	100 pcs.	2,24 kg
	240 mm	111123	100 pcs.	2,42 kg
	260 mm	111124	100 pcs.	2,63 kg
	280 mm	111125	100 pcs.	2,81 kg
	300 mm	111126	100 pcs.	3,00 kg

Length SF-M 4,8 (collated)	Article Number SAP	Packaging Unit	Weight / Pack- aging
80 mm	111129	750 pcs.	6,91 kg
90 mm	111130	750 pcs.	7,58 kg
100 mm	111131	750 pcs.	8,36 kg
120 mm	111132	750 pcs.	9,71 kg
140 mm	111133	750 pcs.	11,21 kg
160 mm	111134	750 pcs.	12,62 kg
180 mm	111135	500 pcs.	9,35 kg
200 mm	111136	500 pcs.	10,28 kg
220 mm	111137	500 pcs.	11,20 kg
240 mm	111138	500 pcs.	12,12 kg

Appearance / Colour

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

Surface Durocoat® corrosion protection.

Head Type

- Hexagon head diameter 8mm
- Head height 4 mm

TECHNICAL INFORMATION

Corrosion Resistance 15 cycles Kesternich test (concentration SFW 2,0 S in accordance with DIN 50018) according to ETAG 006 - D.3.1.

SYSTEMS

System Structure

Ancillary products:

- Sarnafast® Washer KT 82 × 40
- Sarnafast® Washer IF/IG-C-82 × 40 (hard roofing structures)
- Sarnafast® Row Termination Plate RT 90
- Sarnafast® Insulation Washer DT 70 × 70
- Sarnabar® Fastening Profile (hole diameter 6 mm)
- Sarnabar® Load Distribution Plate LDP 90

Compatible to all Sikaplan® and Sarnafil® waterproofing membranes.

APPLICATION INFORMATION

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

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

APPLICATION INSTRUCTIONS

APPLICATION METHOD / TOOLS

Reference must be made to further documentation where applicable, such as relevant method statement, application manual and installation or working instructions.

Refer to the relevant section in the Sika Method Statement and Installation instructions: Sarnafil® roof waterproofing membranes.

Minimum steel deck thickness

≥ 0,63 mm and max. 2 × 1,25 mm thickness; drilling point of fasteners must penetrate the deck; fastener length = roof build-up +20 mm.

Minimum timber deck thickness

(OSB3, structural timber and plywood) ≥ 24 mm; fastener length = roof build-up +30 mm.

IMPORTANT CONSIDERATIONS

Installation work must only be carried out by Sika® trained and approved contractors, experienced in this type of application.

The use of Sarnafast® SF-4.8 membrane is limited to geographical locations with average monthly minimum temperatures of -50 °C. Permanent ambient temperature during use is limited to +50 °C.

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

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.

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

REGULATION (EC) NO 1907/2006 - REACH

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).

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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