

# PRODUCT DATA SHEET

## Sarnafast® SBF-6.0 x L

Carbon steel fastener for mechanical fastening of the SikaRoof® Anchor system

### DESCRIPTION

Case hardened carbon steel fastener with a drilling tip for mechanical fastening of the SikaRoof® Anchor system.

### USES

Steel fastener for mechanical fastening into steel, concrete or timber decks. Used in combination with:

1. Sarnabar® Tube SBT-20
2. SikaRoof® Anchor Washer

### FEATURES

- Fast and easy installation due to optimised drill tip
- High pull-out values in thin steel substrates due to 6 mm wide, asymmetric thread
- High quality corrosion protection, free of Chromium VI



### CERTIFICATES AND TEST REPORTS

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

### PRODUCT INFORMATION

<b>Composition</b>	Case hardened carbon steel with Durocoat® corrosion protection.
<b>Packaging</b>	Refer to current price list for packaging variations.
<b>Appearance and colour</b>	Surface: <u>smooth</u>
<b>Shelf life</b>	If stored properly the product retains its properties.
<b>Storage conditions</b>	Store in original, unopened and undamaged sealed packaging under dry conditions. Always refer to packaging.
<b>Dimensions</b>	Thread diameter: 6 mm; for screws ≤ 70 mm, the thread ends 3 mm below the screw head; for fasteners ≥ 80 mm, the thread length is always 75 mm. Available lengths 35 - 300 mm
<b>Head type</b>	<ul style="list-style-type: none"> <li>▪ Head diameter 9.8 mm</li> <li>▪ Head height 3 mm</li> <li>▪ Drive Torx T25 (in each packaging unit a Drive Torx bit is included)</li> </ul>

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# TECHNICAL INFORMATION

<b>Corrosion resistance</b>	Resistance 15 cycles Kesternich test according to: • EAD 030351-00-0402, A2.4
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## APPLICATION INFORMATION

<b>Ambient air temperature</b>	- 20 °C min. / + 60 °C max.
<b>Substrate temperature</b>	- 30 °C min. / + 60 °C max.

## BASIS OF PRODUCT DATA

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

## IMPORTANT CONSIDERATIONS

- Installation work must only be carried out by Sika® trained and approved contractors, experienced in this type of application.
- The use of the Sarnafast® SBF-6.0 x L 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 the 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

Sarnafast® SBF-6.0 x L is suitable for the following substrates:

a) on steel deck:

Substrate quality: S235 – S320GD  
Substrate thickness: min. 0.63 mm  
max. 2 × 1.25 mm or 1 × 2 mm

Setting depth: min. 20 mm

b) on concrete deck:

Substrate quality: min. C12/C15  
Substrate thickness: min. 40 mm  
Setting / drilling depth: min. 32 mm (plus 15 mm additional drilling hole)

Drilling diameter: 5 mm

c) on timber deck:

Substrate material thickness: Solid wood ≥ 24 mm and plywood or OSB boards ≥ 22 mm

Setting depth: min. 30 mm

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## LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

## 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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