

## PRODUCT DATA SHEET

# Sarnabar<sup>®</sup> Tubes ZSSB E TB

### Fastening element for metal decks

#### DESCRIPTION

Sarnabar<sup>®</sup> Tubes ZSSB E TB are fastening elements consisting of a polyamide tube and a metallic stainless steel fastener with drill point.

#### USES

Sarnabar<sup>®</sup> Tubes ZSSB E TB are used for thermally insulated and mechanically fixed roof structures to secure the single-ply roofing membrane in the metal deck. They are suitable for sheet thicknesses from 0.75 to 1.5 mm and are used in combination with the Sarnabar<sup>®</sup> S 6/15 fastening profile.

#### FEATURES

- High mechanical resistance
- Quick and safe to process
- Economical fastening for large insulation thicknesses
- Treadfast
- Tube with patented fusible link
- Tube with patented loss protection
- Single pieces can also be ordered for sloped insulation
- Modular system up to 550 mm clamping length

#### CERTIFICATES AND TEST REPORTS

- Quality Management Certification EN ISO 9001/14001
- Screws 15 cycles according to Kesternich

#### PRODUCT INFORMATION

<b>Composition</b>	Tube:	Polyamid PA 6
	Screw:	Stainless steel A4, 1.4401
<b>Packaging</b>	Length 80 - 240 mm	500 pieces
	Length 250 - 450 mm	250 pieces
	Length 470 - 550 mm	100 pieces
Also available in single numbers.		
<b>Appearance and colour</b>	Tubes:	slate grey (similar RAL 7015)
	Screws:	blue
<b>Shelf life</b>	The product retains its properties in unopened and undamaged original packaging.	
<b>Storage conditions</b>	Store Sarnabar <sup>®</sup> Tubes ZSSB E TB under dry conditions.	
<b>Dimensions</b>	Tube:	30 - 470 mm
	Screw:	4.8 x 80 - 220 mm
	Screw head:	Flat round head drive TX 25

#### APPLICATION INFORMATION

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

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

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## SYSTEM INFORMATION

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### System structure

Systemproducts:

- Sarnabar® fixing profile S 6/15
  - Sika® LVP-Universal
  - Dismanteling tool
  - Bits TX 25
  - Sarnafast® Tube plate
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## 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.

## 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 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

Installation should be carried out by Sika® trained applicators

### APPLICATION

Position the Sarnabar® Tubes ZSSB E TB vertically at the fastening point. The fastener must be pushed through the membrane and the insulation material until the ring of the tube is seated on the Sarnabar® S 6/15 fastening profile before starting the screwing process.

Before tightening the fastener, ensure the correct direction of rotation of the screwdriver and the use of a suitable, unworn screwdriver blade. Ensure that the tube is correctly seated. Incorrect fasteners must be replaced.

**Minimum installation depth: 20 mm**

## 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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### PRODUCT DATA SHEET

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