

PRODUCT DATA SHEET

Sarnabar[®] Tubes ZSSB BD

FASTENING ELEMENT FOR CONCRETE SUBSTRATES

DESCRIPTION

Sarnabar[®] Tubes ZSSB BD are fasteners made of a polyamide tube and a metallic fastener.

USES

Sarnabar[®] Tubes ZSSB BD are used in thermally insulated and mechanically fixed roof structures for direct fastening of the waterproofing roof membrane in the concrete substrate. They are to be used in conjunction with the Sarnabar[®] fastening profile S 6/15.

CHARACTERISTICS / ADVANTAGES

- Fast and safe to use
- Surefooted
- Economical fastening for large insulation thickness
- Modular system

PRODUCT INFORMATION

Composition	Tube:	Polyamide PA 6
	Screw:	Carbon steel, case hardened, corrosion protected
Packaging	Lengths 80-240 mm	500 Pieces
	Lengths 250-450 mm	250 Pieces
	Lengths 460-550 mm	100 Pieces
Shelf life	In unopened and undamaged original packaging, the product retains its properties.	
Storage conditions	Store in a dry place.	
Appearance and colour	Tube:	telegrey (similar to RAL 7046)
	Screw:	silver
Dimensions	Tube:	60-520 mm
	Screw:	6.3 x 70-260 mm
	Screw head:	Flat round head, TX 25 drive

SYSTEM INFORMATION

System structure

Complementary products:

- Sarnabar® S 6/15
 - Sika® LVP-Universal
 - Disassembly tool
 - Hammer drill 5 mm
 - Bits TX 25
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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 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

APPLICATION

The fixing point is to be pre-drilled with a drill \varnothing 5 mm according to the anchoring depth. Make sure that any drill dust is removed from the drill hole or that any drill dust residues are taken into account when adjusting the drill hole depth.

Ensure that the drill diameter is correct and that the drill bit is not worn in order to ensure that the fastener is set reliably.

For large insulation thicknesses, use the drill pipe and the corresponding 5 mm tapping hammer drill. Insert the Sarnabar® Tubes ZSSB BD vertically into the drill hole until the ring of the tube is seated snugly in the Sarnabar® Fastening Profile S 6/15. Before tightening the fastener, ensure the correct direction of rotation of the screwdriver and the use of a suitable, non-worn screwdriver blade. Ensure that the set tube holds correctly. Incorrect fasteners must be replaced.

Minimum installation depth 30 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.

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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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