

PRODUCT DATA SHEET

Sarnafast® 6.0

Fastener

DESCRIPTION

Universal self-drilling carbon steel fastener for mechanically fastened roof waterproofing membrane, made of case-hardened steel.

USES

Sarnafast® 6.0 fastener is used in combination with SarnaDisc® metal washers, SarnaTube®, Sarnabar®, S-U Bar or S-Termination Bar and others for mechanical fastening of waterproofing systems and insulation boards onto steel deck (for 0.63 up to 1.25 mm metal deck), concrete, timber and plywood/OSB substrates. Suitable for mechanically fastened roofing system under 70 % R.H. environment without chemical corrosion condition.

CHARACTERISTICS / ADVANTAGES

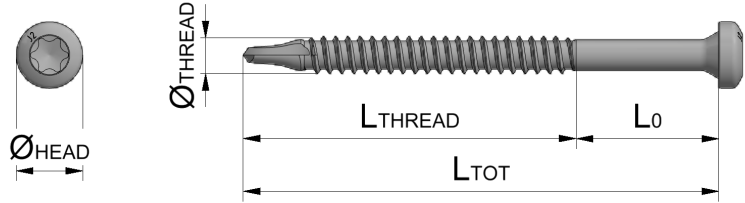
- Optimal fastener thread
- High pull-out force
- High surface hardness
- Efficient Torx head drive system
- Resistance against common environmental influences
- Ease of application by using recommended tooling
- Self-drilling fastener, no pre-drilling for steel and plywood/OSB applications
- Recyclable

APPROVALS / STANDARDS

- Quality management system EN ISO 9001/14001
- GBT 9789-2008
- ISO 9227 / GBT 10125-2012
- 20 cycles Kesternich Test – DIN 50018
- 1500h Saltspray Test – DIN EN ISO 9227 - NSS

PRODUCT INFORMATION

Packaging



| Item Code | Length (mm) L _{TOT} | Thread free (mm) L ₀ | Thread length (mm) L _{THREAD} | Package (pcs/box) | Weight (kg/box) |
|-----------|---------------------------------|------------------------------------|---|-------------------|-----------------|
| 628640 | 6.0 x 35 | 0 | 32 | 1 000 | 5.53 |
| 629112 | 6.0 x 60 | 0 | 57 | 600 | 5.31 |
| 629129 | 6.0 x 70 | 0 | 67 | 500 | 5.1 |
| 629130 | 6.0 x 80 | 5 | 75 | 400 | 4.62 |
| 629131 | 6.0 x 100 | 25 | 75 | 300 | 4.24 |
| 629196 | 6.0 x 120 | 45 | 75 | 400 | 6.6 |
| 629190 | 6.0 x 140 | 65 | 75 | 300 | 5.73 |
| 629192 | 6.0 x 160 | 85 | 75 | 300 | 6.1 |
| 629195 | 6.0 x 180 | 105 | 75 | 200 | 4.87 |

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|---------------------|---|
| Appearance / Colour | Sliver grey |
| Shelf Life | The product does not expire if properly stored. |
| Storage Conditions | Sarnafast® 6.0 must be stored indoors or under roof, under dry conditions protected from direct sunlight, rain, frost and snow. |
| Surface | Smooth surface |
| Dimensions | Outside Diameter: 6.0 mm |

SYSTEM INFORMATION

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|------------------|--|
| System Structure | <p>Fastener drive: Drive form: TX25</p> <p>Auxiliary Product:</p> <ul style="list-style-type: none"> ▪ SarnaDisc® Washer ▪ SarnaTube® Tubes ▪ S-U Bar ▪ Sarnabar® ▪ S-II/III Termination Bar ▪ Compatible with all types of 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

Sarnafast® 6.0 fasteners are installed together with SarnaDisc® metal washers, or SarnaTube® tubes or all types of termination bars to fix Sika roofing mem-

branes or insulation board onto roof substrate.
Length of fixing combination ≥ thickness of roof system

| | |
|--|---------|
| Steel Deck plus insulation thickness | + 20 mm |
| Timber plus insulation thickness | + 30 mm |
| Plywood min 18mm plus insulation thickness | + 30 mm |
| Concrete plus insulation thickness | + 30 mm |
| Pre-drill 5.0 mm in concrete | |

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

Installation works must be carried out only by Sika instructed and approved roofing contractors.

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

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).

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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