

PRODUCT DATA SHEET

Sarnafast® 6.0

Fastener

DESCRIPTION

Universal self-drilling carbon steel fastener for mechanically fastened roof waterproofing membrane.

USES

SarnaFast®-6.0 x L 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 1.25mm 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

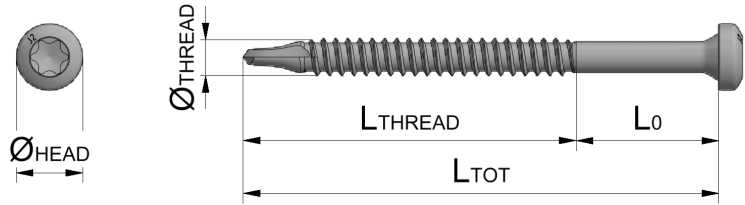
- Optimal fastener thread
- High pull-out force
- High surface hardness
- Efficient Torx head drive system
- Resistance against common environmental influences
- Ease of application by using recommended tooling
- Self-drilling fastener, no pre-drilling for steel and plywood/OSB applications
- Recyclable

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*35	0	32	1000	5.53
629112	6.0*60	0	57	600	5.31
629129	6.0*70	0	67	500	5.10
629130	6.0*80	5	75	400	4.62
629131	6.0*100	25	75	300	4.24
629196	6.0*120	45	75	400	6.60
629190	6.0*140	65	75	300	5.73
629192	6.0*160	85	75	300	6.10
629195	6.0*180	105	75	200	4.87

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.

Appearance / Colour

Sliver grey

Surface

Smooth surface

Dimensions

Outside Diameter: 6.0 mm

SYSTEM INFORMATION

System Structure

Fastener drive:

Drive form: TX25

Auxiliary Product:

- 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.

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.

ECOLOGY, HEALTH AND SAFETY

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 membranes or insulation board onto roof substrate.

Length of fixing combination \geq 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
Predrill 5.0 mm in concrete + 30 mm

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.

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.

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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