

Sarnabar® Load Distribution Plate LDP-90

Row termination in the Sarnabar® System

Product Description

Sarnabar® Load Distribution Plate LDP-90 is zinc plated steel washer for row termination in the Sarnabar® system. The washer has a diameter of 90 mm and it has seven holes with a diameter of 7 mm each.

Uses

Termination of a row of fasteners in the corner and perimeter area within the Sarnabar® System. To be installed over the waterproofing membrane.
Sarnabar® Load Distribution Plate LDP-90 can be used as an alternative solution to the row termination with a crossbar.
Sarnabar® Load Distribution Plate LDP-90 shall not be installed in seams.
Sarnabar® Load Distribution Plate LDP-90 shall not be used within the Sarnafast® System.

Characteristics / Advantages

- Lightweight
- Resistance against common environmental influences
- Ease of application in use with recommended setting tools
- Recyclable

Tests

Approvals / Standards

- Quality Management System EN ISO 9001/14001

Product Data

Appearance

Surface: smooth

Packaging/ Delivery

Stacked, packaging unit 50 pieces / box

Article Nr. 149620

Storage

Storage Conditions

Sarnabar® Load Distribution Plate LDP-90 shall be stored in dry conditions.

Shelf-Life

Sarnabar® Load Distribution Plate LDP-90 does not expire during correct storage.





Technical Data

Material Basis	Zinc plated steel
Dimensions	90 mm Ø, hole diameter 7 mm, thickness 1mm
Corrosion Resistance	15 cycles Kesternich test (concentration SFW 2.0 S in accordance with DIN 50018) according to ETAG 006 - D.3.1.

System Information

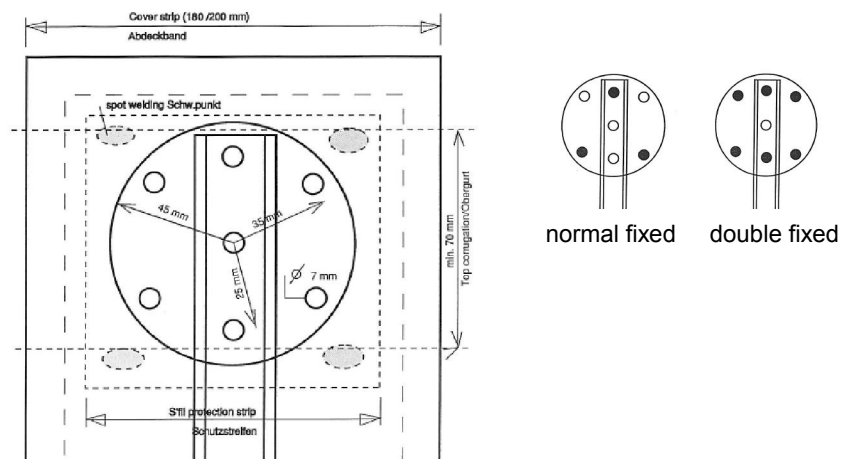
System Structure	Ancillary products: <ul style="list-style-type: none">- Sarnafast® SB - 6.3 / SBF – SQ3- Isofast IG - 6.0 x I- Spike twister DT - 4.8 / 6.3 x I- Spike twister DT-S - 4.8 / 6.3 x I- Isofast IE - 6.3- Isofast IW - 5.0- Peel Rivet TPR/TPR-L - 6.3- TI - 6.3 x I
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Installation Instructions

Installation Method

Sarnabar® Load Distribution Plate LDP-90 must be installed in accordance with Sika application manual and installation instructions.

Sarnabar® Load Distribution Plate LDP-90 must be underlaid and overlaid by a cover strip (100/200 mm) which is fixed with four welding points to the waterproofing membrane. The plate can be normal fixed with 3 screws or double fixed with 6 screws.



Sarnabar® Load Distribution Plate LDP-90 in combination with Sarnafast® SB - 6.3 or SBF-SQ3 fasteners are used for the mechanical fastening of waterproofing membranes.

For more information look up the Product Data Sheet Sarnafast® SB - 6.3 or SBF - SQ3 fasteners.

Notes on Installation / Limits

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

Temperature limits for the installation of Sarnabar® Load Distribution Plate LDP-90:

Substrate temperature: -30 °C min. / +60 °C max.
Ambient temperature: -20 °C min. / +60 °C max.

Special measures may be compulsory for installation below + 5 °C ambient temperature due to safety requirements in accordance with national regulations.

Value Base	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 Information	A Safety Data Sheet following EC-Regulation 1907/2006, Article 31 is not needed to bring the product to the market, to transport or to use it. The product does not damage the environment when used as specified.
REACH	<p>European Community Regulation on chemicals and their safe use (REACH: EC 1907/2006)</p> <p>This product is an article within the meaning 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. Therefore, there are no registration requirements for substances in articles within the meaning of Article 7.1 of the Regulation.</p> <p>Based on our current knowledge, this product does not contain SVHC (substances of very high concern) from the candidate list published by the European Chemicals Agency in concentrations above 0.1 % (w/w).</p>
Protective Measures	Local safety regulations must be observed.
Transportation Class	The product is not classified as hazardous good for transport.
Disposal	The material is recyclable. Disposal must be according to local regulations. Please contact your local Sika sales organisation for more information.

Legal note: 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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