

## PRODUCT DATA SHEET

# Sika® LVP Universal

Universal load distribution plate for mechanical fastening systems

### DESCRIPTION

Die Sika® LVP Universal is a versatile load distribution plate used in the Sarnabar® and Sarnafast® fastening system.

### USES

Die Sika® LVP Universal is applied to the Sarnafil® and Sikaplan® roof waterproofing membrane as the end of a Sarnabar® profile or point fastening rows in the corner and edge zones for load distribution

The load distribution plate absorbs and distributes the concentrated wind suction forces acting at the end of a fastening profile. This prevents load peaks and possible damage to the roof waterproofing.

Die Sika® LVP Universal can be used as an alternative to the cross rail in the Sarnabar® fastening system.

### FEATURES

- Precise fit of the Sarnabar® fastening profile
- Can be used with Sarnafast® screws and Sarnabar® tube fasteners
- High mechanical resistance

### PRODUCT INFORMATION

<b>Composition</b>	Polyamide PA 6
<b>Packaging</b>	Packaging unit: 50 pieces/carton
<b>Shelf life</b>	The product retains its properties if stored correctly.
<b>Storage conditions</b>	Sika® LVP Universal should be stored dry and protected from sunlight.
<b>Appearance and colour</b>	Gray



<b>Dimensions</b>	Ø 120 mm, hole diameter 6 or 16 mm
<b>System structure</b>	Sika® LVP Universal is used in combination with the Sarnafast® fastener SF (-E) 4.8 or Sarnabar® tube fastener in mechanically fastened flat roofs.

## 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

The applicable installation instructions for the Sarnafil® and Sikaplan® flat roof waterproofing systems must be observed.

### APPLICATION METHOD / TOOLS

Sika® LVP Universal is fixed in the centre with at least one a fastener in the centre (see Figures 1 and 2). If the substrate is unstable and the centre fastener is misaligned, the other perforations in the load distribution plate can be used for additional fasteners. When cutting the Sarnabar® fastening profile to size, ensure that the end of the profile is a maximum of 10 mm from the wall of the rail support (see Figure 3).



Figure 1

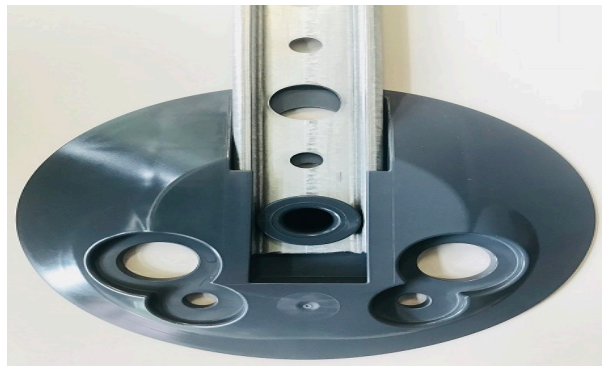


Figure 2

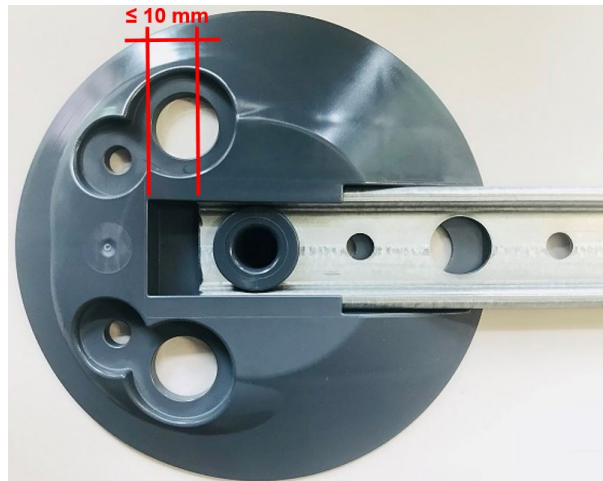


Figure 3

### PRODUCT DATA SHEET

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## 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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