

# PRODUCT DATA SHEET

## S-Drain PVC

### INJECTION MOULDED PVC ROOF DRAIN

#### DESCRIPTION

The S-Drain PVC is made of rigid high quality PVC by injection moulding procedure.

#### USES

S-Drain PVC may only be used by experienced professionals.

The S-Drain PVC is used as rainwater outlet in flat roofs.

#### CHARACTERISTICS / ADVANTAGES

- Resistant to permanent UV irradiation
- Membrane can be welded directly to the base plate
- Ease of application
- Hot air welding without use of open flames
- Recyclable



#### APPROVALS / CERTIFICATES

- Complies with EN 1253
- Quality management system EN ISO 9001/14001

#### PRODUCT INFORMATION

<b>Chemical base</b>	Polyvinyl chloride (PVC)	
<b>Packaging</b>	Depending on the order quantity and product size, the products are packaged on pallets or in cartons.	
<b>Appearance / Colour</b>	Surface:	smooth
	Colour:	light grey (nearest RAL 7047)
<b>Shelf life</b>	5 years from date of production in unopened, undamaged and original packaging.	

**Storage conditions**

Product must be stored between +5 °C and +30 °C in a horizontal position on pallet, protected from direct sunlight, rain and snow. Do not stack pallets of rolls or any other material during transport or storage.

**Dimensions**

Spigot outside / length mm	Base plate mm	Flow rates		
		Depth of wa- ter EN 1253*	55 mm	65 mm
40 x 450	250 x 250 squared	2.65 l/s	2.95 l/s	3.05 l/s
50 x 450	250 x 250 squared	3.10 l/s	5.20 l/s	5.30 l/s
56 x 300	300 x 300 octagonal	3.90 l/s	6.65 l/s	6.80 l/s
63 x 300	300 x 300 octagonal	3.90 l/s	6.65 l/s	6.80 l/s
75 x 300	300 x 300 octagonal	4.60 l/s	9.50 l/s	11.25 l/s
90 x 300	330 x 330 octagonal	5.40 l/s	9.50 l/s	11.75 l/s
95 x 300	330 x 330 octagonal	5.40 l/s	9.50 l/s	11.75 l/s
110 x 300	330 x 330 octagonal	5.50 l/s	9.75 l/s	12.75 l/s
125 x 300	380 x 380 octagonal	9.25 l/s	11.50 l/s	14.75 l/s
140 x 300	380 x 380 octagonal	9.25 l/s	11.50 l/s	14.75 l/s
160 x 300	380 x 380 octagonal	10.00 l/s	13.25 l/s	16.90 l/s

\* EN 1253: Measured with S-Leafguard (Art. No. 111185) Depth of water: Until  $\varnothing$  110 mm: 35 mm, from  $\varnothing$  125 mm: 45 mm

**Thickness**

4.0 mm

**SYSTEMS****System Structure**

The following accessories shall be used:

- S-Leafguard (Art. no. 111185)

Compatible products:

- Sarnafil® G 410-types
- Sarnafil® G 476-types
- Sarnafil® S 327-types
- Sikaplan® G / VG / VGWT / S / SG / SGmA
- Sikaplan® SGK (with special connection stripes)

**APPLICATION INFORMATION****Ambient Air Temperature**

-20 °C min. / +60 °C max.

**Substrate Temperature**

-30 °C min. / +60 °C max.

## APPLICATION INSTRUCTIONS

### APPLICATION

Installation works to be carried out only by Sika instructed contractors for roofing. Installation of some ancillary products, e.g. contact adhesives / cleaners is limited to temperatures above +5 °C. Please observe information given by Product Data Sheets. Special measures may be compulsory for installation below +5 °C ambient temperature due to safety requirements in accordance with national regulations.

### APPLICATION METHOD / TOOLS

According to the valid installation instructions for Sarnafil® and Sikaplan® roof waterproofing membranes. The S-Drain PVC needs to be fastened securely to the roof deck. In case of mechanically fastened roofs the fasteners must be designed to resist to the wind load on the project.

## IMPORTANT CONSIDERATIONS

The use of the S-Drain PVC is limited to geographical locations with average monthly minimum temperatures of -50 °C. Permanent ambient temperature during use is limited to +50 °C.

## 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

Fresh air ventilation must be ensured, when working (welding) in closed rooms.

### 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 this 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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