

PRODUCT DATA SHEET

S-Drain PVC

Prefabricated PVC Element, Roof Drain

PRODUCT DESCRIPTION

S-Drain PVC is a PVC prefabricated injection moulded rainwater outlet for use on flat roofs with Sika PVC sheet membranes. S-Drain PVC can be heat welded with the Sika PVC sheet membranes.

WHERE TO USE

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

- Rainwater outlet for use with Sarnafil® and Sikaplan® sheet membranes.

S-Drain PVC may also be used with Sarnafil® and Sikaplan® sheet membranes for the purpose of creating watertight penetration details. (consult a Sika technical representative when using for this purpose)

CHARACTERISTICS / ADVANTAGES

- Resistant to UV exposure
- Membrane can be welded directly to the base plate
- Ease of application
- Heat weldable
- Recyclable (where facilities exist)



APPROVALS / CERTIFICATES

- Complies with DIN EN 1253 - Gullies for buildings
- Roof outlet testing DIN EN 1253-3, Sarnafil G/S, TUV, Rheinland, Report No.57216040-50

PRODUCT INFORMATION

Composition / Manufacturing	Polyvinyl chloride (PVC)
Packaging	Depending on the order quantity and product size, the products are packaged on pallets or in cartons.
Shelf Life	5 years from date of production

Storage Conditions

The product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +30 °C. Always refer to packaging. Do not stack pallets of rolls or any other material on top during transport or storage.

Appearance / Colour

Surface	Smooth
Colour	Light grey (nearest RAL 7047)

Dimensions

Spigot outside / length mm	Base plate mm	Flow rates		
		Depth of water EN 1253*	55 mm	65 mm
40 × 450	250 × 250 squared	2,65 l/s	2,95 l/s	3,05 l/s
50 × 450	250 × 250 squared	3,10 l/s	5,20 l/s	5,30 l/s
56 × 300	300 × 300 octagonal	3,90 l/s	6,65 l/s	6,80 l/s
63 × 300	300 × 300 octagonal	3,90 l/s	6,65 l/s	6,80 l/s
75 × 300	300 × 300 octagonal	4,60 l/s	9,50 l/s	11,25 l/s
90 × 300	330 × 330 octagonal	5,40 l/s	9,50 l/s	11,75 l/s
95 × 300	330 × 330 octagonal	5,40 l/s	9,50 l/s	11,75 l/s
110 × 300	330 × 330 octagonal	5,50 l/s	9,75 l/s	12,75 l/s
125 × 300	380 × 380 octagonal	9,25 l/s	11,50 l/s	14,75 l/s
140 × 300	380 × 380 octagonal	9,25 l/s	11,50 l/s	14,75 l/s
160 × 300	380 × 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 Ø 110 mm: 35 mm, from Ø 125 mm: 45 mm

Thickness

4,0 mm

SYSTEMS

System Structure

The following system accessory must 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 strips)

APPLICATION INFORMATION

Ambient Air Temperature

-20 °C min. / +60 °C max.

Substrate Temperature

-30 °C min. / +60 °C max.

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BASIS OF PRODUCT DATA

Product properties are typically averages, obtained under laboratory conditions. Reasonable variations can be expected on-site due to local factors, including environment, preparation, application, curing and test methods.

LIMITATIONS

Installation work must only be carried out by Sika® trained and approved contractors, experienced in this type of application.

- 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.
- Installation of ancillary products, e.g. contact adhesives / cleaners is limited to temperatures above +5 °C. Refer to relevant Product Data Sheets for further information.
- Special measures may be compulsory for installation below +5 °C ambient temperature due to safety requirements in accordance with national regulations. (Delete if this statement does not apply)

ENVIRONMENT, HEALTH & SAFETY

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

HAZARDOUS PRODUCT ACT - SECTION 2

This product is a manufactured article that does not require Safety Data Sheets to be marketed, transported or applied at the jobsite, according to the Hazardous Product Act - Section 2. Based on our current knowledge, this product is not classified as dangerous and does not contain any hazardous materials. Always wear personal protective equipment (including safety goggles and gloves) to manipulate and install Sika® products.

APPLICATION INSTRUCTIONS

APPLICATION METHOD / TOOLS

Installation procedure

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

Mechanically fastened roofs the fasteners must be designed to resist the wind load forces at the project location.

Reference must be made to the current installation instructions for Sarnafil® and Sikaplan® flat roof waterproofing membranes. Before application of the roof membrane, S-Drain PVC must be fastened securely to the roof deck.

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 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 recommendations, or from any other advice offered. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. 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 or may be downloaded from our website at: www.sika.ca

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