BUILDING TRUST

PRODUCT DATA SHEET

SikaRoof® Power Drain PVC DN 70

Prefabricated injection moulded drain for PVC roofing membranes

DESCRIPTION

The SikaRoof® Power Drain PVC DN 70 is a prefabricated rigid PVC rainwater outlet for flat roofs used with Sikaplan® PVC roofing membranes.

USES

The SikaRoof® Power Drain PVC DN 70 may only be used by experienced professionals.

- Rainwater outlet for use with Sikaplan® PVC roofing membranes

FEATURES

- Resistant to UV exposure
- Membrane can be welded directly to the base plate
- Hot air weldable



PRODUCT INFORMATION

Composition	Polyvinyl chloride (PVC) Polypropylene (PP) Leafguard		
Packaging	Individualy packed in carton including Leafguard		
Appearance and colour	Surface	smooth	
	Colour	light gtrey	
		black (Leafguard)	
Shelf life	5 years from date of production		
Storage conditions	The product must be stored in original, unopened and undamaged packaging in dry conditions at temperatures between +5 °C and +30 °C. Always refer to packaging.		
Dimensions	**Type**	**Spigot outside Ø**	**Spigot nominal Ø**
	Angled	75 mm	DN 70

TECHNICAL INFORMATION

Flow rate

Flow rates measured in accordance with DIN EN 1253 **with** 3 m downpipe.

Depth of water in mm	Flow rate with l/s
5	0,70
15	3,20
25	7,30
35	**12,00**
45	15,60
55	16,00
65	16,00

Flow rates measured in accordance with DIN EN 1253 **without** 3 m downpipe.

Depth of water in mm	Flow rate with l/s
5	1,00
15	3,80
25	3,90
35	**4,10**
45	4,20
55	4,30
65	4,50

APPLICATION INFORMATION

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

SYSTEM INFORMATION

System structure	The following products must be considered for use depending on roof design: ▪ Sikaplan® PVC roofing membranes

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.

FURTHER DOCUMENTATION

Installation instructions: Sikaplan® PVC roof waterproofing membranes.

IMPORTANT CONSIDERATIONS

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

- The minimum thickness of the used thermal insulation must be 120 mm.
- The use of the SikaRoof® Power Drain PVC DN 70 is limited to geographical locations with average monthly minimum temperatures of -50 °C. Permanent ambient temperature during use is limited to +50 °C.

ECOLOGY, HEALTH AND SAFETY

REGULATION (EC) NO 1907/2006 - REACH

The 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

APPLICATION

Strictly follow installation procedures as defined in method statements, application manuals and working instructions which must always be adjusted to the actual site conditions. Refer to installation instructions: Sikaplan® PVC roof waterproofing membranes. SikaRoof® Power Drain PVC DN 70 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 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.

Sika Deutschland CH AG & Co KG
Kornwestheimer Straße 103 - 107
D - 70439 Stuttgart
Tel.: +49 711 8009-0
Fax: +49 711 8009-321
info@de.sika.com
www.sika.de