

PRODUCT DATA SHEET

SikaShield® Overflow CR

Prefabricated emergency roof overflow for bituminous roof systems

PRODUCT DESCRIPTION

The SikaShield® Overflow CR is prefabricated rigid PA6/PVC rainwater overflow used with bituminous roofing membranes.

USES

The SikaShield® Overflow CR may only be used by experienced professionals.

- Rainwater overflow through the parapet for use with bituminous roofing membranes

CHARACTERISTICS / ADVANTAGES

- Resistant to UV exposure
- Product is delivered with integrated welding flange
- Product is delivered including round protection grid



PRODUCT INFORMATION

Chemical Base	Drain/overflow body and protection grid: Rigid PVC/PA6 Welding tab: Polymer modified bitumen (SBS)		
Packaging	Packed in transparent plastic bag.		
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.		
Appearance / Colour	Colour	light grey / black	
Dimensions	Spigot outside Ø	Spigot nominal	Spigot length
	75 mm	DN 70	600 mm
	110 mm	DN 100	600 mm
	125 mm	DN 125	600 mm

SYSTEM INFORMATION

System Structure	The following products must be considered for use depending on roof design: <ul style="list-style-type: none">▪ SikaShield® bituminous roofing membranes
Compatibility	With all SikaShield® bituminous roofing membranes

TECHNICAL INFORMATION

Flow rate	In accordance to the depth of water				
	35 mm	45 mm	50 mm	55 mm	60 mm
	0.6 L/s	0.90 L/s	1.0 L/s	1.2 L/s	1.41 L/s
	0.9 L/s	1.25 L/s	1.5 L/s	1.7 L/s	2.0 L/s
	0.7 L/s	1.1 L/s	1.3 L/s	1.5 L/s	1.95 L/s

APPLICATION INFORMATION

Ambient Air Temperature	-20 °C min. / +60 °C max.
Substrate Temperature	-30 °C min. / +60 °C max.

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.

LIMITATIONS

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

- The use of the SikaShield® Overflow CR 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.

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

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: SikaShield® roof waterproofing membranes. SikaShield® Overflow CR must be fastened securely to the roof parapet. The fasteners must be suitable to hold the product in position.

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.

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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