

## PRODUCT DATA SHEET

# SikaShield® Drain CR

Prefabricated roof drain for bituminous roof systems

### PRODUCT DESCRIPTION

The SikaShield® Drain CR is prefabricated single-walled rigid polyamide rainwater outlet used with bituminous roofing membranes.

### USES

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

- Rainwater outlet for use with bituminous roofing membranes

### CHARACTERISTICS / ADVANTAGES

- Resistant to UV exposure
- Product is delivered with integrated welding flange
- Product is delivered including the high quality leaf-guard



### PRODUCT INFORMATION

<b>Chemical Base</b>	Drain body and leafguard: Polyamide (PA6) Welding tab: Polymer modified bitumen (SBS)		
<b>Packaging</b>	Packed in transparent plastic bag.		
<b>Shelf Life</b>	5 years from date of production		
<b>Storage Conditions</b>	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.		
<b>Appearance / Colour</b>	Colour	light grey / black	
<b>Dimensions</b>	<b>Spigot outside Ø</b>	<b>Spigot nominal</b>	<b>Spigot length</b>
	75 mm	DN 70	400 mm
	90 mm	DN 90	400 mm
	110 mm	DN 100	400 mm
	125 mm	DN 125	400 mm
	160 mm	DN 150	400 mm

## SYSTEM INFORMATION

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

## TECHNICAL INFORMATION

<b>Flow rate</b>	In accordance with the depth of water				
	<b>25 mm</b>	<b>35 mm</b>	<b>45 mm</b>	<b>55 mm</b>	<b>65 mm</b>
	3.3 L/s	4.5 L/s	4.6 L/s	8.0 L/s	10.2 L/s
	3.5 L/s	5.4 L/s	6.5 L/s	7.5 L/s	11.6 L/s
	3.6 L/s	5.5 L/s	7.3 L/s	9.6 L/s	12.3 L/s
	3.6 L/s	5.5 L/s	8.1 L/s	10.3 L/s	12.2 L/s
	3.9 L/s	5.4 L/s	9.0 L/s	12.4 L/s	13.8 L/s

EN 1253\*: Ø 110 mm up to 35 mm depth of water. From 45 mm depth of water Ø 125 mm.

## APPLICATION INFORMATION

<b>Ambient Air Temperature</b>	-20 °C min. / +60 °C max.
<b>Substrate Temperature</b>	-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.

## FURTHER DOCUMENTS

SikaShield® Drain CR is suitable for thermal insulation thickness from 50 mm to 320 mm.

## 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® Drain 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® Drain CR must be fastened securely to the roof deck. The fasteners must be designed to resist the wind forces.

## 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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