

## PRODUCT DATA SHEET

# SikaShield® Renovation Drain CR

Prefabricated renovation roof outlet for use with bituminous roof systems

### PRODUCT DESCRIPTION

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

### USES

The Product is used as a:

- Renovation Rainwater outlet for use with bituminous roofing membranes.

Please note:

- The Product may only be used by experienced professionals.

### CHARACTERISTICS / ADVANTAGES

- Good resistance to UV exposure
- Product is delivered with integrated welding flange
- Product is delivered including the high quality leaf-guard
- Product is delivered including the duoseal coupling



### PRODUCT INFORMATION

<b>Chemical Base</b>	Drain body and leafguard	Polyamide (PA6)
	Duoseal coupling	EPDM rubber
	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 sealed packaging in dry conditions at temperatures between +5 °C and +30 °C. Always refer to packaging.	
<b>Appearance / Colour</b>	Colour	light grey / black

## Dimensions

Spigot outside Ø	Spigot nominal size	Suitable for inside Ø	Suitable for inside Ø
50 mm	DN 50	54 mm to 72 mm	400 mm
75 mm	DN 70	79 mm to 102 mm	400 mm
90 mm	DN 90	99 mm to 106 mm	400 mm
104 mm	-	109 mm to 116 mm	400 mm
110 mm	DN 100	116 mm to 129 mm	400 mm
125 mm	DN 125	144 mm to 154 mm	400 mm
160 mm	DN 150	186 mm to 200 mm	400 mm

## SYSTEM INFORMATION

### System Structure

The following products must be considered for use depending on roof design:

- SikaShield® bituminous roofing membranes

### Compatibility

Compatible with all SikaShield® bituminous roofing membranes.

## TECHNICAL INFORMATION

### Service Temperature

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

### Flow rate

In accordance to the depth of water

Spigot outside Ø	25 mm	35 mm	45 mm	55 mm	65 mm
50 mm	3.3 L/s	5.2 L/s	7.3 L/s	7.8 L/s	9.7 L/s
75 mm	3.3 L/s	4.5 L/s	4.6 L/s	8.0 L/s	10.2 L/s
90 mm	3.5 L/s	5.4 L/s	6.5 L/s	7.5 L/s	11.6 L/s
104 mm	3.5 L/s	5.5 L/s	7.0 L/s	8.2 L/s	11.9 L/s
110 mm	3.6 L/s	5.5 L/s	7.3 L/s	9.6 L/s	12.3 L/s
125 mm	3.6 L/s	5.5 L/s	8.1 L/s	10.3 L/s	12.2 L/s
160 mm	3.9 L/s	5.4 L/s	9.0 L/s	12.4 L/s	13.8 L/s

EN 1253: depth of water up to Ø 110 mm: 35 mm, from Ø 125 mm: 45 mm

## APPLICATION INFORMATION

### Ambient Air Temperature

Maximum	+60 °C
Minimum	-20 °C

Note: Installation of ancillary products, for example contact adhesives or cleaners, is limited to temperatures above +5 °C. Refer to relevant Product Data Sheets for further information.

Note: Special measures may be compulsory for installation below +5 °C ambient temperature due to safety requirements in accordance with national regulations.

## 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.

## ECOLOGY, HEALTH AND SAFETY

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

#### IMPORTANT

##### **Strictly follow installation procedures**

Strictly follow installation procedures as defined in Method Statements, application manuals and working instructions which must always be adjusted to the actual site conditions.

#### IMPORTANT

##### **Application by trained personnel**

The application of this Product must only be carried out by Sika® trained and/or approved contractors, experienced in this type of application.

#### IMPORTANT

##### **Ventilation in confined spaces**

Always ensure good ventilation when applying the Product in a confined space.

- Refer to the installation instructions: SikaShield® roof waterproofing membranes
- The Product must be fastened securely to the roof deck.

## 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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