

PRODUCT DATA SHEET

SikaRoof® Sensor Control Pipe Set PVC

Control pipe set as mounting point for SikaRoof® Sensor aktiv R for permanent moisture monitoring in flat roof build-ups

DESCRIPTION

The SikaRoof® Sensor Control Pipe Set PVC comprises of 3 parts. A polypropylene (PP) pipe, an expanded polyethylene (EPE) insulation plug with cap and a prefabricated Sikaplan® (PVC) flashing.

USES

The SikaRoof® Sensor Control Pipe Set PVC houses the SikaRoof® Sensor aktiv R and provides an inspection point on the flat-rooftop to check/monitor the water-tightness

FEATURES

- Easily installed
- Suitable for new projects and retrofitting existing flat roofs



PRODUCT INFORMATION

Composition	Pipe, base plate, cap	Polypropylene (PP)
	Insulation plug	Expanded Polyethylene (EPE)
	Sikaplan® pipe flashing	Polyvinyl Chloride (PVC-P)
Packaging	The SikaRoof® Sensor Control Pipe Set PVC consists of: ▪ Pipe with base plate (one piece) ▪ Cap with integrated insulation plug ▪ Prefabricated Sikaplan® (PVC) flashing	
Appearance and colour	Pipe with base plate	beige
	Cap with integrated insulation plug	black
	Sikaplan® (PVC) pipe flashing	light grey
Shelf life	If stored properly, the product remains its properties.	
Storage conditions	The product must be stored in original, unopened and undamaged packaging in dry conditions and temperatures between +5 °C and +30 °C. Always refer to packaging.	

Dimensions

Control pipe outside Ø	110 mm
Control pipe flange outside Ø	260 mm
Control pipe height	550 mm
Sikaplan® pipe flashing inside Ø	112 mm

APPLICATION INFORMATION

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

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

SYSTEM INFORMATION

System structure

System build-up:

- Sikaplan® PVC roofing membranes
- SikaRoof® glass/graphite fleece
- SikaRoof® control contact plate
- SikaRoof® stainless steel mesh
- SikaRoof® Sensor aktiv R

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

The insulation plug with cap is especially designed to house the SikaRoof® Sensor aktiv R. Important: Do not shorten the control pipe and insulation plug.

IMPORTANT CONSIDERATIONS

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

- The use of SikaRoof® Sensor Control Pipe Set PVC is limited to geographical locations with average monthly minimum temperatures of -50 °C. Permanent ambient temperature during use is limited to +50 °C.
- The use of some ancillary products such as adhesives, cleaners and solvents is limited to temperatures above +5 °C. Observe temperature limitations in the appropriate Product Data Sheets.
- 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

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 the relevant section in the Installation instructions: Sikaplan® PVC roofing membranes

1. Apply the vapour control layer to the roof structure
2. Directly fasten the control pipe flange (using 4 fasteners) onto the vapour control layer to the roof deck
3. Finish the build-up for the project with the selected additional parts

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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.

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