BUILDING TRUST

PRODUCT DATA SHEET

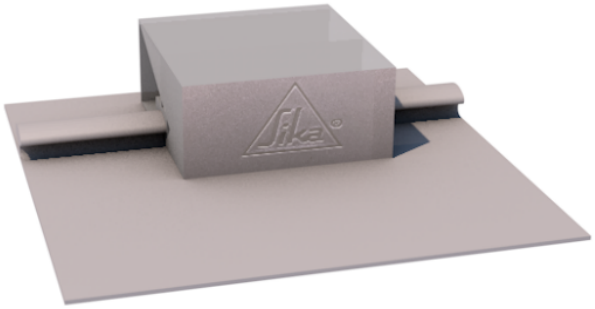
SikaRoof® Base PVC

(formerly 02-ZH_CN BASE PVC)

UNIVERSAL CONNECTION POINT FOR ROOF MOUNTED FACILITIES

DESCRIPTION

SikaRoof® Base PVC is an aluminum / PVC assembly.



USES

Universal connection point for fixing without penetrating the roof membrane. (Aircon, Ducting, Machines and Equipment).
Light weight roof mounted facilities to the exposed Sarnafil® and Sikaplan® PVC roofing membrane..

FEATURES

- Excellent resistance to weathering, including permanent UV irradiation
- Excellent weldability
- Fast installation
- Easy and ready to use
- No penetrations to the PVC roofing membrane
- Recyclable

PRODUCT INFORMATION

Product declaration	Extruded, modified polyvinyl chloride (PVC) compound / extruded aluminum		
Composition	Aluminium alloy and PVC		
Packaging	4 sets / box		
Shelf life	5 years from date of production.		
Storage conditions	SikaRoof® Base PVC must be stored indoors or under roof, in a dry location protected from direct sunlight, rain, frost and snow.		
Appearance and colour	Aluminum connector of SikaRoof® Base PVC	Surface	Smooth / polished with smoothened edges
		Color	Light grey
	PVC base part of SikaRoof® Base PVC	Surface	Smooth
		Color	White or light grey

Dimensions	Dimension	Length (mm)	Width (mm)	Height (mm)
	Aluminum connector of SikaRoof® Base PVC	80	80	40
	PVC base part of SikaRoof® Base PVC	160	150	6

Weight	310 (± 10%) g/set

SYSTEM INFORMATION

System structure	Compatible with all types of exposed Sarnafil ® and Sikaplan ® PVC membranes. For usage on a single ply roofing system, the thermal insulation layer needs to have sufficient strength to transfer the compressive load to the substrate without significant deformation. In case of mineral wool insulation, a rigid cover board is recommended (according the load)

APPLICATION INFORMATION

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

BASIS OF PRODUCT DATA

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 INFORMATION

Loading capacity is related to the substrate (roof build-up).
Roof build up with thermal insulation:
The max loading capacity for the SikaRoof® Base PVC is related to the compressive strength of the thermal insulation. The thermal insulation must have a sufficient compressive strength to carry the additional long-term point load from a single SikaRoof® Base PVC.
Roof build up without thermal insulation on concrete or plywood:
A maximum load of 200kg is permitted
(Suitably qualified structural engineer must be responsible for the determination of the maximum admissible point load on Concrete or plywood roof build-up).
Roof slope maximum 5%

IMPORTANT CONSIDERATIONS

For projects with roof slopes above 5% contact Sika technical person.
SikaRoof® Base PVC is only for point loads (downwards force) and not for uplift force

ECOLOGY, HEALTH AND SAFETY

REGULATION (EC) NO 1907/2006 - REACH

A Safety Data Sheet following EC-Regulation 1907/2006, Article 31 is not needed to bring the product to the market, to transport or to use it. The product does not damage the environment when used as specified.
PROTECTIVE, MEASURES
Fresh air ventilation must be ensured, when working (welding) in closed rooms.
Local safety regulations must be observed
TRANSPORTATION CLASS
The product is not classified as hazardous good for transport
DISPOSAL
The material is recyclable. Disposal must be according to local regulations. Please contact your local Sika sales organization for more information.

APPLICATION INSTRUCTIONS

APPLICATION METHOD / TOOLS

SikaRoof® Base PVC must always be installed perpendicular to the expected shear force. The side of the welding edge has to be selected in such a way as to allow for tension forces only in the SikaRoof® Base PVC. The welding edge of theSikaRoof® Base PVC is welded to the Sarnafil ® or Sikaplan® PVC membrane by electric hot air welding equipment, such as manual hot air welding guns and pressure rollers.
Recommended type of equipment: Leister Triac PID

(manual welding).
The equipment is fastened to the aluminum connector of SikaRoof® Base PVC using fasteners or rivets as recommended by the equipment supplier

APPLICATION

Installation works must be carried out only by Sika instructed and approved roofing contractors.
Temperature limits for the installation of the SikaRoof® Base PVC:

- Substrate temperature: - 40 °C min. / +60 °C max.
- Ambient temperature: - 20 °C min. / +60 °C max.

Installation of some ancillary products, e.g. cleaners is limited to temperatures above +5 °C. Please observe information given by Product Data Sheets.
Special measures may be compulsory for installation below +5 °C ambient temperature due to safety requirements in accordance with national regulations.

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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