

Sika® UniBase

Universal mounting system for machinery on Sarnafil roofing membranes

Product Description

Sika UniBase is an aluminium / PVC assembly.

Uses

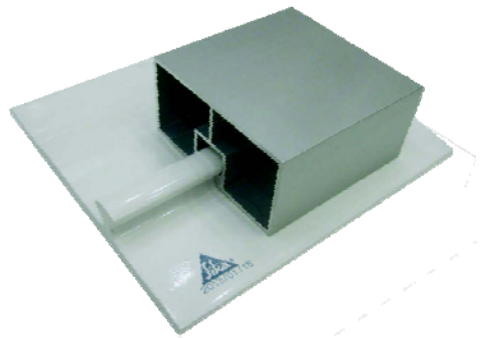
Universal connection point to fix :

- Light weight roof mounted facilities to exposed Sarnafil and Sikaplan PVC roofing membranes

Characteristics / Advantages

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

Appearance / Colour



Sika UniBase

Surface

Smooth / polished with smoothed edges

Colour

Off white / aluminium silver

Packaging

Sold in boxes of four pads

Storage Conditions / Shelf-Life

To be stored in dry conditions protected from direct sunlight, rain and snow. Product does not expire if correctly stored.

Technical Data

Material basis

Extruded, modified polyvinyl chloride (PVC) compound / extruded aluminium

Dimensions

Width 150mm / 80mm
Height 5 (21)mm / 40mm
Length 160mm / 80mm

Mass per unit area

310g / set (+/- 10%)



System Information

System Structure

Compatible with all types of exposed Sarnafil and Sikaplan PVC membranes.
When used on a single ply roofing system, thermal insulation layers need to have sufficient strength to transfer the compressive load to the substrate without significant deformation. In the case of mineral wool insulation, a rigid cover board is required.

Installation Instructions

Installation Method / Tools

Sika UniBase 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 Sika UniBase.

The welding edge of the Sika UniBase 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 base of the roof mounted machinery is fixed to the aluminium section of Sika UniBase using fasteners or rivets as recommended by the facility supplier.

Notes on Application / Limitations

Installation works must be carried out only by Sika instructed and approved roofing contractors.

Temperature limits for the installation of the Sika UniBase:

Substrate temperature: -30 °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.

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 Information

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 organisation for more information.

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.

