

## PRODUCT DATA SHEET

## SikaRoof® XPS X RA MK WFRL

Polyethylene geotextile water flow reducing layer

## PRODUCT DESCRIPTION

Polyethylene geotextile water flow reducing layer

## USES

SikaRoof® XPS X RA MK WFRL is suitable for use on inverted roofs finished with gravel ballast, green roof systems and concrete pavers on appropriate supports. It is intended to minimise the cooling effect associated with rainwater flowing down through the insulation and draining away. It can significantly reduce the insulation thicknesses required to achieve specified U-values.

## CHARACTERISTICS / ADVANTAGES

- Resistant to the passage of liquid water
- Reduces insulation thicknesses required to achieve specified U-values
- Heat and UV stable
- Lightweight
- Can be used in new build and refurbishment
- Resistant to mould and bacterial growth

## PRODUCT INFORMATION

Packaging	Roll
Shelf Life	Will not expire in short term under normal storage conditions.
Storage Conditions	The product should be stored on a clean dry surface, and covered with an opaque polythene sheet or weatherproof tarpaulin.
Dimensions	100 x 3m Roll
Thickness	0.17mm
Weight	63g/m <sup>2</sup> (19kg per roll)
Reaction to Fire	Class E (EN 11925-2)

## 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.

## USES

Installation work must only be carried out by Sika® trained contractors, experienced in this type of application. The product is not classified as hazardous good for transport. Local safety regulations must be observed. During the construction process, the construction should be protected from rain penetration during breaks in the process. 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

- Lay Sikatherm® XPS 300 SL or Sikatherm® XPS 300 U.
- Unroll and loose lay the WFRL over the insulation, unrolling across the slope/direction of fall at the bottom of the slope next to the parapet wall or upstand.
- Overlap the next roll by 300 mm creating an unsealed overlap joint in the downward direction of the roof slope/fall. When doing runs longer than the roll offset the 300mm wide end laps roll to roll in a brick bond fashion.
- Temporary ballast as you go, checking the side and end laps remain at 300mm wide.
- Cut separate strips for use at upstands and penetrations. Cut with scissors and take care not to damage the installed insulation.
- Ensure the strips are wide enough to provide a 300mm overlap onto the flat roof at the base and high enough to terminate at the level of the finishes. At the bottom of the slope/fall tuck beneath the first flat sheet installed.
- At drainage outlets star cut the WFRL and turn down into the insulation board.
- At square or rectangular penetrations cut strips of WFRL wide enough, overlap 300mm beneath the flat WFRL and reach the level of the finishes.
- At soil vent pipes or round penetrations, the 300mm base of the WFRL should be star cut and tucked beneath the flat WFRL.
- A separate piece of WFRL should then wrap the pipe to the height of the finish to aid continuity.

## 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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