

PRODUCT DATA SHEET

Sikatherm® XPS Cementitious Faced KS

Cementitious faced, extruded polystyrene insulation board for use with inverted roof systems

PRODUCT DESCRIPTION

Sikatherm® XPS Cementitious Faced KS is a high performance, fibre-free ridged extruded polystyrene insulation board with a 6mm impact resistant cementitious facing.

USES

Sikatherm® XPS Cementitious Faced KS is used as an upstand board in an inverted roof build up.

CHARACTERISTICS / ADVANTAGES

- High performance ridged extruded polystyrene board
- Easy to handle and install
- Zero Ozone Depletions Potential (ODP)
- Low Global Warming Potential (GWP)

PRODUCT INFORMATION

Packaging	Product is supplied in labelled packs wrapped in polythene.
Shelf Life	Product does not expire if correctly stored
Storage Conditions	Sikatherm® XPS Cementitious Faced KS should be stored flat in a ventilated areas and protected generally from accidental damage, contact with volatile solvents, flames and extended exposure to UV and sunlight. If it is stored outside for more than a few weeks, it must be covered with a pale pigmented plastic sheet.
Dimensions	1.2m X 0.6m
Thickness	56mm (50mm insulation + 6mm facing)
Thermal Conductivity	0.034 W/mK

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

DIRECTIVE 2004/42/CE - LIMITATION OF EMISSIONS OF VOC

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

- Cutting Sikatherm® XPS Cementitious Faced KS should be carried out by using a TCT saw. Ensure correct FFP2 or 3 grade PPE is used to protect against inhalation of dust during cutting.
- A minimum of 3 fixings, with a minimum head diameter of 25 mm, are required to secure 1200 mm long boards of Sikatherm® XPS Cementitious Faced KS to the parapet.
- The requirement for additional fixings should be assessed in accordance with BS / I.S. EN 1991-1-4: 2005 + A1: 2010 (National Annex to Eurocode 1. Actions on structures. General Actions. Wind Actions).
- Mechanical fixings must be arranged in an even pattern.
- Fixings for Sikatherm® XPS Cementitious Faced KS should be positioned across the top edge of the board and at a maximum of 600 mm centres.
- Fixings at insulation board edges must be located > 50 mm and < 200 mm from edges and corners of the board and not overlap board joints.
- Each fixing should incorporate a square or circular plate washer (minimum 25 x 25 mm or 25 mm diameter).
- Fixings should be driven straight.
- Care should be taken not to overdrive fixings.
- The bottom of the board should be supported and held in place by the insulation and ballast / paving slabs on supports.

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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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