

PRODUCT DATA SHEET

Sikatherm® XPS 300 SL

Extruded polystyrene thermal insulation board

PRODUCT DESCRIPTION

Sikatherm® XPS 300 SL is an extruded polystyrene insulation board for use in inverted roofing applications.

USES

- Inverted Roofs
- Green Roofs
- Blue Roofs

CHARACTERISTICS / ADVANTAGES

- Global Warming Potential (GWP) of less than five
- Can be cut using hand tools
- Available in a range of thicknesses

PRODUCT INFORMATION

Packaging	Shrink wrapped pallets for transport				
Colour	Grey				
Shelf Life	Will not expire in the short term if stored correctly				
Storage Conditions	The packaging of Sikatherm® XPS 300 SL shall not be considered adequate for long term outside protection. Boards shall be stacked clear of the ground and covered with a polythene sheet or weatherproof tarpaulin.				
Dimensions	600mm x 1250mm boards				
Thickness	50mm	80mm	100mm	115mm	120mm
	130mm	140mm	145mm	160mm	165mm
	175mm	180mm	190mm	195mm	200mm
Compressive Strength	300 kPa @ 10% deformation				(EN 826)
Long Term Compression Strength	Compressive creep max after 50 years 130 kPa				(EN 1606)
Reaction to Fire	Class E				(EN 13501-1)
Service Temperature	-50°C to +75°C				
Water Absorption	<0.7%				(EN 12087)

Thermal resistance

Thickness (mm)	Thermal Resistance (Rd m ² .K/W)
50	1.65
80	2.60
100	3.20
120	3.55
130	4.20
140	4.50
160	5.15
180	5.80
200	6.45
205	6.60

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.

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).

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.

SIKA LIMITED

Watchmead
Welwyn Garden City
Hertfordshire, AL7 1BQ
Tel: 01707 394444
Web: www.sika.co.uk
Twitter: @SikaLimited



Product Data Sheet
Sikatherm® XPS 300 SL
November 2025, Version 01.01
020935051000000014

SikathermXPS300SL-en-GB-(11-2025)-1-1.pdf