Product Data Sheet
Edition 04.2009
Identification no: 020902909000000001
Version no.: 001

Construction

Sikalastic® Insulation

(Liquid Plastics Decotherm)

PIR Insulation Board

Product Description

Sikalastic® Insulation is faced on both sides with a wet lay coated glass fibre tissue autohesively bonded to the insulatione core during manufacture.

The core of Sikalastic® Insulation is a high performance CFC / HCFC – free rigid urethane insulant of typical density 32 kg/m^3.

Sikalastic® Insulation is manufactured without the use of CFCs / HCFCs and has zero ozone depletion potential.

Uses

Sikalastic® Insulation is for use in the SikaRoof® MTC Cold Bonding Systems

Product Data

Length	1.2 m
Width	0.6 m
Insulant Thickness	50, 60, 70, 75, 80, 90, 100, 110, 120, 130 and 140 mm Other thicknesses are available subjet to quantity
Insulation compressive strength	> 150 kPa at 10% compression BS EN 826:1996
Water vapour resistance	15 MN.s/g BS 4370:Part 2:1993 Sikalastic® Insulation should be installed over a vapour control layer.
Fire performance	When subjected to British Standard fire tests using Sikalastic® Insulation, the results are dependant on the roofing system adopted, however Sikalastic® seamless cap sheet systems used as the finish layer of the complete system achieves a FAA rating for BS476 Part3. Sikalastic® is also successfully tested to DD ENV 1187 Parts 1, 2 and 3 and FM (Factory Mutual).
Thermal conducivity	0.027 W/m.K (thicknesses < 80 mm) 0.026 W/m.K (thicknesses from 80 mm to 120 mm) 0.025 W/m.K (thicknesses > 120 mm)

Construction

Storage

Storage Conditions	The packaging of Sikalastic® Insulation should not be considered adequate for long term outside protection. Ideally, boards should be stored inside a building. If however, outside storage cannot be avoided the boards should be stacked clear of the ground and covered with a polythene sheet or weatherproof tarpaulin. Boards that habe been allowed to get wet must not be used.
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.
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.
Health and Safety Information	For information and advice on the safe handling, storage and disposal of chemical products, users should refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological, and other safety-related data.
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 or access on the Internet under www.sika.co.za.

Sika South Africa (Pty) Ltd
9 Hocking Place,
Westmead, 3608
South Africa

E-mail: headoffice@za.sika.com
Phone +27 31 792 6500
Telefax +27 31 700 1760
www.sika.co.za