

PRODUCT DATA SHEET

Sarnatherm[®]-11 TH

EXPANDED POLYSTYRENE THERMAL INSULATION BOARD

DESCRIPTION

Sarnatherm[®]-11 TH is rigid insulation board based on cutted shape polystyrene foam. The boards are part of Sika Sarnafil flat roof system.

USES

Thermal insulation for flat roof system.

CHARACTERISTICS / ADVANTAGES

- Good thermal insulation properties
- Very low weight
- Easy to install
- Good form stability
- Recyclable

PRODUCT INFORMATION

Packaging	Stack of boards put in blue plastic bag. (number depending on board thickness)
Colour	White
Shelf life	The product does not expire if properly stored.
Storage conditions	Store boards protected in dry location protected from direct sunlight, rain and snow.
Dimensions	1.2m x 0.6m x thickness (standard size)
Thickness	30mm, 50mm, 70mm, 100mm

TECHNICAL INFORMATION

Compressive Strength	110 Kpa	(ASTM D1621-00)
Thermal Conductivity	≤ 0.036 [W/(m*k)]	(ASTM C518)
Service Temperature	-30 to 75 °C	

SYSTEMS

System Structure	Sika Sarnafil PVC membrane and system components both Fully adhered and Mechanical fasten (a separation layer is required) system.
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Compatibility

Sarnatherm®-11 TH compatible with:

- Sarnacol® -2142S the polyurethane base adhesive for PVC membrane sheet
- Sarnacol® -2162 the polyurethane base adhesive for insulation board

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY

The substrate should be smooth, dry and strong enough to support the Sika Sarnafil roof system.

APPLICATION METHOD / TOOLS

Sarnatherm®-11 TH can be cut using standard application tools (hot wire knife). Consult the installation manual for more detail.

IMPORTANT CONSIDERATIONS

Sika Sarnatherm-11 TH is not compatible with:

- Solvents of all kind
- Heat/Fire of all kind
- flexible PVC membranes (a separation layer is required)

BASIS OF PRODUCT DATA

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.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall 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.

Sika (Thailand) Limited

700/37 Moo 5 Amata City Chonburi
Industrial Estate, T. Klong Tamhru
A. Muang, Chonburi 20000, Thailand
Tel : +66 3810 9500
E-mail : sikathai@th.sika.com
Website: tha.sika.com



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