



PRODUCT DATA SHEET

SARNATHERM[®] ROOF BOARD M

Sarnatherm Roof Board M is a lightweight, high-density polyisocyanurate roof board with coated glass facers. Sarnatherm Roof Board M is suitable for use in new construction and recover roof applications with Sarnafil[®] or Sikaplan[®] roof membranes. The coated glass facers provide strong, smooth surfaces suitable for mechanically attached or adhered applications.

PRODUCT INFORMATION

USES

Used as a lightweight roof board in conventional roof assemblies

AREAS OF APPLICATION

- New Roofs
- Recover Roofs
- Mechanically Attached Systems
- Adhered Systems

FEATURES / BENEFITS

- Lightweight for easy hoisting, staging and maneuvering
- High impact and flexural strength
- Easy scoring, cutting and snapping
- Improved coverage rates in adhered systems

TESTS

STANDARDS / APPROVALS

- ASTM C1289, Type II, Class 4, Grades 1, 2, & 3
- FM 4450 / 4470
- UL Classified 790
- Miami-Dade County

PRODUCT DATA

FORM

COMPOSITION

Polyisocyanurate foam core with coated glass facers

COLOR

Off-white core with off white/light tan facers

PACKAGING

- 4 ft x 4 ft (1.2 m x 1.2 m), 6 lbs (2.72 kg)
- 4 ft x 8 ft (1.2 m x 2.4 m), 12 lbs (5.4 kg)
- 0.25 in (6.4 mm) thickness, 30 boards per pallet

STORAGE**STORAGE CONDITIONS**

Factory-applied packaging is intended only for protection during transit. When stored outdoors or on the job site, the insulation should be stacked on pallets at least 4 in (102 mm) above ground level and completely covered with a weatherproof covering such as a tarpaulin. The temporary factory-applied packaging should be slit or removed to prevent accumulation of condensation. Refer to PIMA Technical Bulletin #109: *Storage and Handling Recommendations for Polyiso Roof Insulation*.

TECHNICAL DATA**TYPICAL PHYSICAL PROPERTIES¹**

| Properties | ASTM Test Method | Results |
|---|------------------|-----------------------------|
| Compressive Strength, psi (kPa) | D 1621 | 150 (1,034) |
| Dimensional Stability, % Linear Change | D 2126 | < 1 |
| Flexural Strength Modulus of Rupture, psi (kPa) Breakload, lbf (kN) | D 1037 | 1500 (10,343) 25 (0.111) |
| Water Absorption, % | C 209 | < 4 |
| Moisture Vapor Permeance, perm (ng/(Pa•s•m ²)) | E 96 | < 1 (< 57.5) |
| Surface Water Absorption, gram | C 473 | < 1 |
| Mold Resistance | D 3273 | Pass |
| Recycled Content | -- | 3.7% Pre-consumer |
| R-Value | -- | 1.2 |

¹Physical properties listed above are presented as typical average values as determined by accepted ASTM test methods and are subject to normal manufacturing variation.

SYSTEM INFORMATION

INSTALLATION

Sarnatherm Roof Board M is installed by a Sika Authorized Applicator. Sarnatherm Roof Board M may be installed by mechanical attachment to the roof deck with approved fasteners and insulation plates or by attachment with Sarnacol board adhesive depending on project requirements and specifications. Roof boards that have become wet or damaged should be removed and replaced with solid, dry roof boards. Contact Sika Corporation – Roofing Technical Department regarding alternative methods of attachment.

AVAILABILITY

From Sika Corporation – Roofing Authorized Applications for use within Sarnafil or Sikaplan systems.

MAINTENANCE

Standard maintenance of Sarnafil or Sikaplan systems should include regular inspection of flashings, drains, and termination sealants at least twice a year and after each storm.

WARRANTY

As a Sika supplied product, Sarnatherm Roof Board M is covered under Sika Corporation warranties.

LEGAL NOTES

All information provided by Sika Corporation ("Sika") concerning Sika products, including but not limited to, any recommendations and advice relating to the application and use of Sika products, is given in good faith based on Sika's current experience and knowledge of its products when properly stored, handled and applied under normal conditions in accordance with Sika's instructions. In practice, the differences in materials, substrates, storage and handling conditions, actual site conditions and other factors outside of Sika's control are such that Sika assumes no liability for the provision of such information, advice, recommendations or instructions related to its products, nor shall any legal relationship be created by or arise from the provision of such information, advice, recommendations or instructions related to its products. The user of the Sika product(s) must test the product(s) for suitability for the intended application and purpose before proceeding with the full application of the product(s). Sika reserves the right to change the properties of its products without notice. All sales of Sika product(s) are subject to its current terms and conditions of sale which are available at usa.sarnafil.sika.com or by calling 800-451-2504.

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Sika warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within shelf life. User determines suitability of product for intended use and assumes all risks. Buyer's sole remedy shall be limited to the purchase price or replacement of product exclusive of labor or cost of labor.

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SIKA CORPORATION – ROOFING

UNITED STATES

100 Dan Road
Canton, MA 02021
800-451-2504 (p)
781-828-5365 (f)
usa.sarnafil.sika.com
webmaster.sarnafil@us.sika.com

SIKA CANADA INC.

6915 Davand Drive
Mississauga, ON L5T 1L5
905-795-3177 (p)
905-795-3192 (f)
can.sika.com
marketing.construction@ca.sika.com
