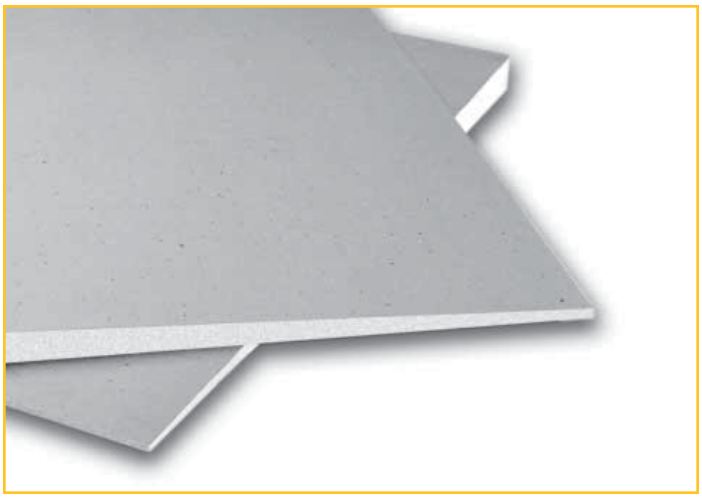
VERSICO'S TAPERED MP-H POLYISO



Product Description

Tapered MP-H is a sloped rigid roof insulation panel composed of a closed-cell polyisocyanurate foam core bonded during the manufacturing process to fiber-reinforced facers. Tapered MP-H is designed to promote positive drainage and prevent ponding water. For best results, use Versico's Tapered Shop Drawings.

Features and Benefits

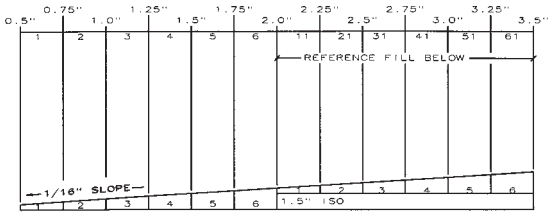
- Tapered MP-H polyiso insulation provides the highest R-value per inch of commercially available insulation products
- Environmentally friendly construction with 0% ozone-depleting components and CFC free
- Approved for direct application to steel decks

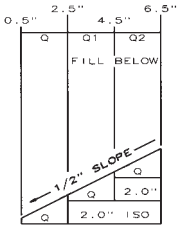
Panel Characteristics

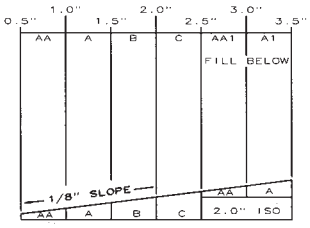
- Available in 4' x 4' (1220 mm x 1220 mm) in thickness of ½" (12 mm) minimum to 4.0" (102 mm) maximum in a single layer
- Available slopes are 1/16" (2 mm), 1/8" (3mm), 3/16" (5mm), ¼" (6 mm), 3/8" (10 mm) and ½" (12mm) per foot
- Available in two grades of compressive strengths per ASTM C1289-06a, Type II, Class 1, Grade 2 (20 psi), Grade 3 (25 psi)

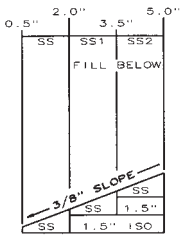
Applications

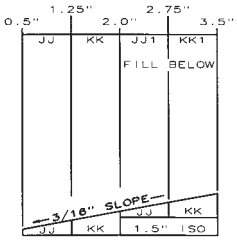
- Constructions requiring Class A ratings
- Single-Ply Roof Systems (Ballasted, Mechanically Attached, Fully Adhered)

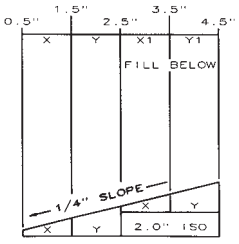












VERSICO

A SINGLE SOURCE FOR SINGLE-PLY ROOFING

Versico, PO Box 1289, Carlisle, PA 17013
Tel: **800.992.7663** Fax: 717.960.4036 Web: **www.versico.com**

Installation

BALLASTED SINGLE-PLY SYSTEMS
Each Tapered MP-H panel is loosely laid on the roof deck. Butt edges and stagger joints of adjacent panels. Install the roof membrane according to the manufacturer's specifications.

MECHANICALLY ATTACHED SINGLE-PLY SYSTEMS
Each Tapered MP-H panel must be secured to the roof deck with fasteners and plates (appropriate to the deck type). Butt edges and stagger joints of adjacent panels. Install the roof membrane according to the manufacturer's specifications.

FULLY ADHERED SINGLE-PLY SYSTEMS
Each Tapered MP-H panel must be secured to an approved roof deck with fasteners and plates (appropriate to deck type) or can be adhered using Versico's DASH™ adhesive. Butt edges and stagger joints of adjacent panels. Install the roof membrane according to manufacturer's specifications.

Tapered MP-H Codes and Compliances

- ASTM C1289-06, Type II, Class 1, Grade 2 (20 psi), Grade 3 (25 psi)
- International Building Code (IBC) Section 2603
  NOTE: Please be aware the Federal Specification HH-I-1972/GEN has been replaced.

FLORIDA BUILDING CODE APPROVAL FL#1296
MIAMI-DADE COUNTY, FLORIDA NOA NO: 04-1018.01

Underwriters Laboratories, Inc.

- Component of Class A Roof Systems (UL 790)
- Hourly Rated P series roof assemblies (UL 263) P 225, 230, 59, 302, 303, 508, 510, 514, 519, 701, 710, 713, 717, 718, 719, 720, 722, 723, 727, 728, 729, 730, 732, 734, 735, 739, 741, 742, 743, 819, 824, 827, 828
- Insulated metal deck assemblies - (UL 1256) nos. 120, 123, 292
- Tapered MP-H classified by ULC

TYPICAL PROPERTIES AND CHARACTERISTICS**
POLYISO FOAM CORE ONLY

Property	Test Method	Value
Compressive Strength	ASTM D1621 ASTM 1289-06	20 psi* minimum (138 kPa, Grade 2)
Dimensional Stability	ASTM D2126	2% linear change (7 days)
Moisture Vapor Transmission	ASTM E96 12.10	< 1 perm (57.5 ng/(Pa•s•m²))
Water Absorption	ASTM C209	< 1% volume
Service Temperature		-100°F to 250°F -73°C to 122°C

*Also available in 25 psi minimum, Grade 3

** Typical properties and characteristics are based on samples tested and are not guaranteed for all samples of this product. This data and information is intended as a guide and does not reflect the specification range for any particular property of this product.

Warnings and Limitations

Insulation must be protected from open flame and kept dry at all times. Install only as much insulation as can be covered the same day by completed roof-covering material. Versico will not be responsible for specific building and roof design by others, for deficiencies in construction or workmanship, for dangerous conditions on the jobsite or for improper storage and handling. Technical specifications shown in this literature are intended to be used as general guidelines only and are subject to change without notice. Call Versico for more specific details, or refer to PIMA Technical Bulletin No. 109: Storage & Handling Recommendations for Polyiso Roof Insulation.

Other Polyiso Products by Versico

- SECURSHIELD *POLYISO BONDED TO COATED GLASS FACER*
- MP-HCG *POLYISO BONDED TO COATED GLASS FACER*
- MP-HF *POLYISO BONDED TO FOIL*
- MP-HNB *POLYISO BONDED TO ORIENTED STRAND BOARD*
- MP-HWF *POLYISO BONDED TO WOOD FIBERBOARD*
- TAPERED MP-HCG *POLYISO BONDED TO COATED GLASS FACER*
- TAPERED MP-HWF *TAPERED POLYISO BONDED TO WOOD FIBERBOARD*
- MP-H *POLYISO*

CLASSIFIED C UL US

Foamed plastic as roof deck construction material with resistance to an internal fire exposure only for use in construction no.(s) 120 and 123. See UL Directory of Products Certified for Canada and UL Roofing Materials and Systems Directory. 99DL.

PIMA QualityMark℠ The Certified LTTR-value

U.S. GREEN BUILDING COUNCIL

energy ENERGY STAR *

© 2011 Versico. Updated: 10/11.

Versico, DASH Adhesive and the Versico logo are trademarks of Versico. *ENERGY STAR qualification is only available in the U.S.