

VERSICORE MP-H® TAPERED POLYISO



Product Description

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

Features and Benefits

- VersiCore MP-H Tapered 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

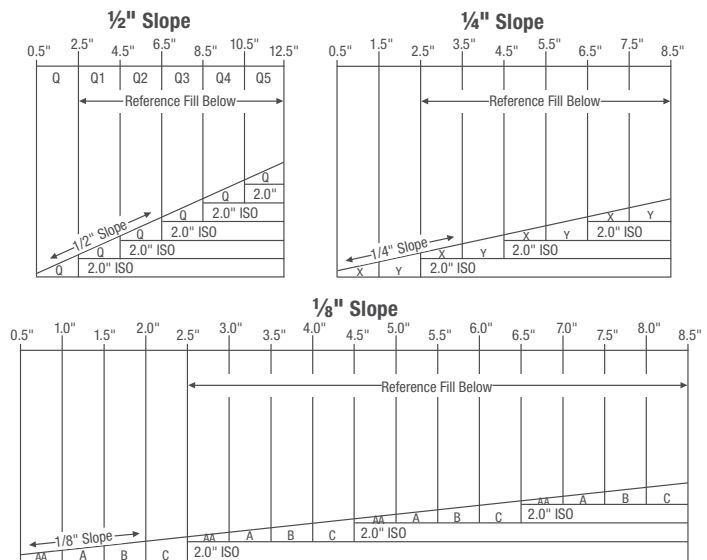
- 4' x 4' (1220 mm x 1220 mm)
- Minimum thickness: 1/2" (12 mm)
- Maximum thickness: 4.5" (115 mm)
- Available slopes:
 - 1/16" (2 mm)
 - 1/8" (3 mm)
 - 3/16" (5 mm)
 - 1/4" (6 mm)
 - 3/8" (10 mm)
 - 1/2" (12 mm)



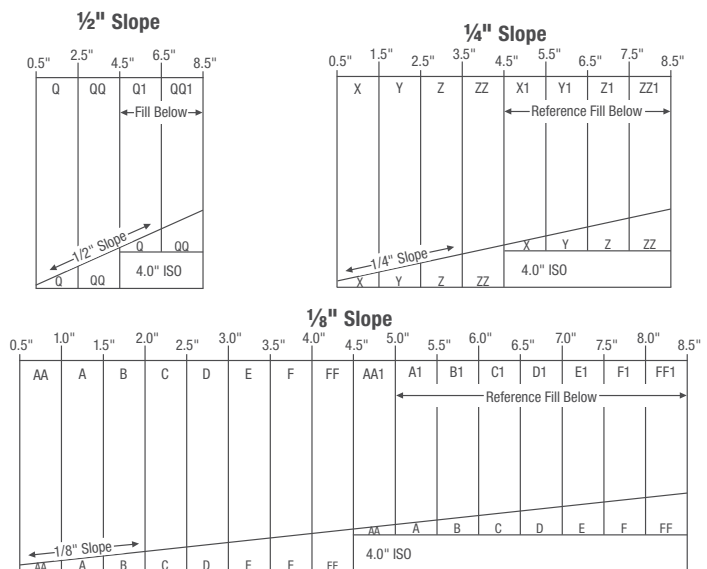
Applications

- Constructions requiring FM Class 1 and UL Class A ratings
- Single-Ply Roof Systems (Ballasted, Mechanically Attached, Fully Adhered)

Standard Panel Profiles



Extended Panel Profiles



A SINGLE SOURCE FOR SINGLE-PLY ROOFING

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Installation

BALLASTED SINGLE-PLY SYSTEMS

Each VersiCore MP-H Tapered 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 VersiCore MP-H Tapered 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

Each Tapered MP-H panel can be secured with appropriate fasteners and plates. Butt edges and stagger joints of adjacent panels. Install the roof membrane according to manufacturer's specifications.

For fully adhered single-ply, VersiCore MP-H Tapered 4' x 8' panels can be secured using with Versico's DASH® or Flexible DASH Adhesive, either full coverage or bead spacing of no less than 6" on center.

Codes and Approvals

- ASTM C1289, Type II, Class 1, Grade 2 (20 psi), Grade 3 (25 psi)
- International Building Code (IBC) Section 2603
- UL Standard 790, 263 and 1256: Component of Class A Roof Systems (refer to UL Roof Materials' system directory)
- FM® Standards 4450/4470: Class 1 approval for steel roof-deck constructions (refer to FM RoofNavSM)
- California Code of Regulations, Title 24, Insulation Quality Standard License #TI-1418
- Third-party certification with the PIMA Quality Mark for Long-Term Thermal Resistance (LTTR) values
- CAN/ULC S704, Type 2 & 3, Class 2
- Florida Building Code Approval

TYPICAL PROPERTIES AND CHARACTERISTICS** POLYISO FOAM CORE ONLY

Property	Test Method	Value
Compressive Strength	ASTM D1621 ASTM 1289	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 (57.5ng/(Pa•s•m²))
Water Absorption	ASTM C209	<1% volume
Service Temperature		-100° to 250°F (-73°C to 122°C)

**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.

Precautions

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.



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.

