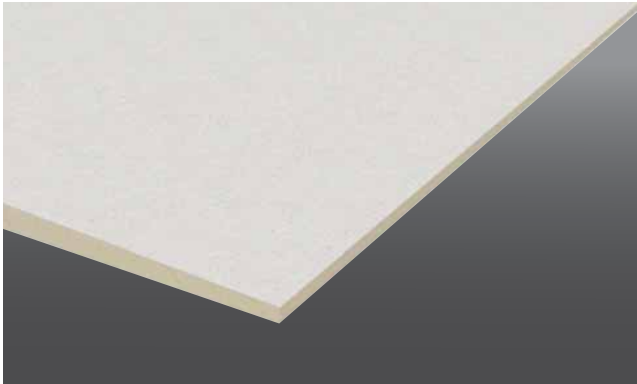


WeatherBond Polyiso

XFP Tapered Insulation



Overview

Tapered XFP is a rigid roof insulation panel composed of a closed-cell polyisocyanurate foam core laminated on-line to a premium performance coated glass facer.

Features and Benefits

- Provides improved dimensional stability, fire performance and resistance to mold growth
- Tapered XFP has achieved FM 4450 and UL 1256 for direct application to steel deck constructions
- Tapered XFP provides wind uplift ratings in fully adhered systems from FM 1-60 to FM 1-270
- Environmentally friendly construction with 0% ozone-depleting components, CFC free and HCFC free
- Ideal for applications directly over wood deck
- 3" thickness qualifies for a UL Class A rating
- 1.9" thickness qualifies for a UL Class B rating
- No fire-rated base sheet or thermal barrier required

Panel Characteristics

- Available in 4' x 4' (1220 mm x 1220 mm) and 4' x 8' (1220 mm x 2440 mm) panels in thickness of 1/2" (13 mm) to 4.0" (102 mm)

Codes and Compliances

- ASTM C 1289-11, Type II, Class 2 Grade 2 (20 psi) Grade 3, (25 psi)
- International Building Code (IBC) Chapter 26

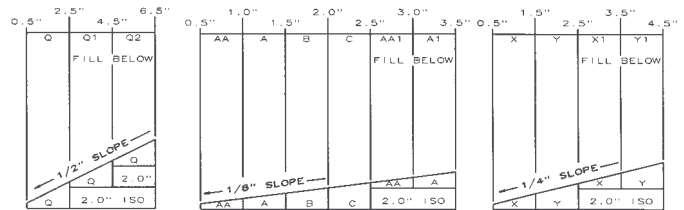


WEATHERBOND
ROOFING SYSTEMS

Single-Ply Simplified

Tapered System Profiles

- State of Florida Product Approval Number FL 5968



Underwriters Laboratories, Inc.

- UL 1256
- Insulated Metal Deck Construction Assemblies – No. 120.123, 292
- UL 790
- UL 263 Hourly Rated P Series Roof Assemblies
- Tapered XFP classified by ULC

Factory Mutual Approvals

- FM 4450, FM 4470
- Approved for Class 1 insulated steel, concrete, and gypsum roof deck constructions for 1-60 to 1-270 (subject to the conditions of approval described in Roofnav.com)

LEED® Potential Credits for Polyiso Use

Energy and Atmosphere

- Minimum Energy Performance
- Optimize Energy Performance

Materials & Resources

- Building Reuse
- Construction Waste Management
- Recycled Content
- Local and Regional Materials

Innovation

Installation

Ballasted Single-Ply

Tapered XFP panels are loosely laid on the roof deck. Butt the edges of the insulation panels and stagger the joints. Install the roof covering according to the manufacturer's specifications.

Mechanically Attached Single-Ply Systems

Tapered XFP must be secured to the roof deck (appropriate to the deck type) with fasteners and plates. Butt the edges of the insulation panels and stagger the joints. Install the roof covering according to WeatherBond's specification.

Fully Adhered Single-Ply

Tapered XFP may be secured to the roof deck (appropriate to the deck type) using fasteners and plates, hot asphalt, a Flexible DASH Adhesive or cold-applied mastic. Butt the edges of the insulation panels and stagger the joints. Install the roof covering according to WeatherBond's specification.

REVIEW CURRENT WEATHERBOND INSTALLATION INSTRUCTIONS FOR SPECIFIC INSTALLATION REQUIREMENTS.

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 job site 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 WeatherBond for more specific details, or refer to PIMA Technical Bulletin No. 109: Storage & Handling Recommendations for Polyiso Roof Insulation.

Typical Properties and Characteristics

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	<1 perm (57.5 ng/(Pa·s·m ²))
Water Absorption	ASTM C209	<1% volume
Resistance to Mold	ASTM 3273	Passed (10)
Service Temperature		-100°F 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.

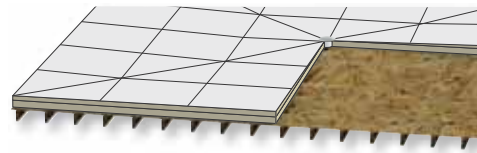
* Also available in 25 psi minimum, Grade 3

* Polyiso Foam Core only

Fastening Requirements

FM Rating	Minimum Thickness	Field	# of Fasteners per 4 x 8 Perimeter	Corner
1-60	2.0	8	20	20
1-75	2.0	8	20	32
1-90	2.0	8	20	32
1-105	2.0	12	24	32
1-150	2.0	20	32	-
1-270	2.0	32	-	-

Tapered XFP on Wood Deck



Minimum thickness for UL class A rating is 3" over a combustible deck.
Minimum thickness for UL class B rating is 1.9" over a combustible deck.

Tapered XFP on Metal Deck



WEATHERBOND
ROOFING SYSTEMS

Single-Ply Simplified



PIMA QualityMark™
The Certified UTR-value



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