

HERE AT JOHNS MANVILLE.

we are more than your supplier, we are your channel partner. When you do business with JM, you can count on it being a partnership for the long haul, with support that enables you to run your business your way. With access to one of the industry's broadest ranges of insulation solutions, you can meet virtually every demand and get the most from your inventory.

A BERKSHIRE **HATHAWAY COMPANY**

Johns Manville is proud to be part of Berkshire Hathaway, one of the most respected, financially sound companies in the world. We operate with unquestionable integrity and stability and have unmatched resources to invest in developing future insulation solutions designed to exceed our customers' needs.

MORE THAN 160 YEARS OF **EXPERIENCE**

When Johns Manville was founded in 1858, we focused on developing materials to make diverse environments stronger, durable, more energy efficient and comfortable. We also believed in building relationships by providing outstanding service and support. The world has changed, but our principles still hold true todav.

SUPPORT AT WORK

COMPREHENSIVE INSULATION EXPERTISE AND

JM TechConnect is the single source for JM customers to access comprehensive insulation knowledge, installation advice and specification changes from our dedicated technical experts—in person, by phone or online. We can help you quickly solve even the most complex insulation challenges Connect with us at *800-654-3103*.

POLYISO CONTINUOUS INSULATION SPECIFICATION COMPLIANCE

Product	ASTM Standards	Flame Spread ASTM E84	Smoke Development ASTM E84	Water Vapor Transmission ASTM E96	Compressive Strength ASTM D1621	Dimensional Stability ASTM D2126	Water Absorption ASTM C209	Service Temperature
AP™Foil-Faced Foam Sheathing	ASTM C1289, Type I, Class 1	≤25	≤ 450	0.05 perms (3 ng/Pa-s-m²)	≥16 psi (110 kPa)	N/A	0.1% volume	-100 to 250°F
CI Max® Foam Sheathing		≤25		0.02 perms (1.4 ng/Pa-s-m²)			<0.6% volume	

COMPETITOR PRODUCT COMPARISON

CONTINUOUS EXTERIOR INSULATION

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Product				
AP™ Foil-Faced				
Energy Shield®				
Thermax™ (ci)				
Xci Foil				
Xci Class A				
ECOMAXci® FR				
Thermasheath®				
R-Matte® Plus-3				
EnerFoil TM				
R2+® Silver				
Enverge™ CI Foil				

EXPOSED INTERIOR INSULATION

Manufacturer	Product			
Johns Manville A Berkshire Hathaway Company	CI Max®			
Atlas	Energy Shield® Pro			
DuPont	Thermax™			
Hunter	Xci 286			
Rmax	Thermasheath®-XP			
	TSX-8510			
	ECOMAXci® FR			
Carlisle	R2+® Sheathe			



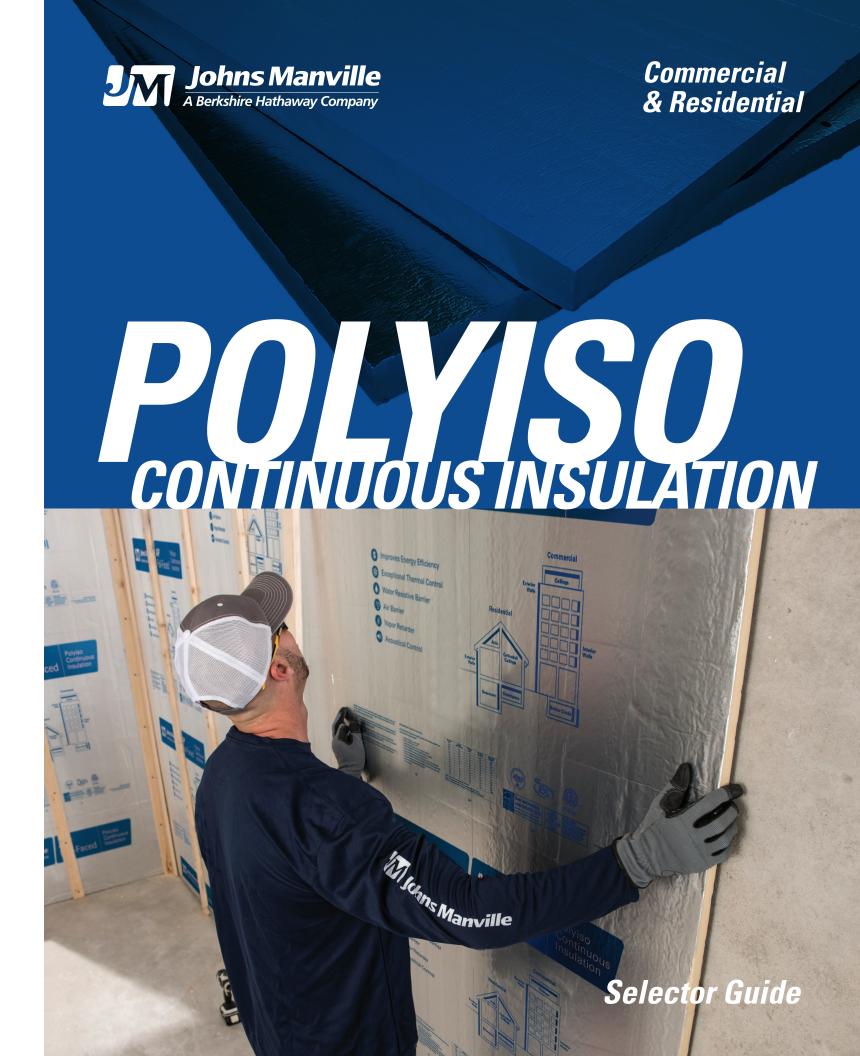


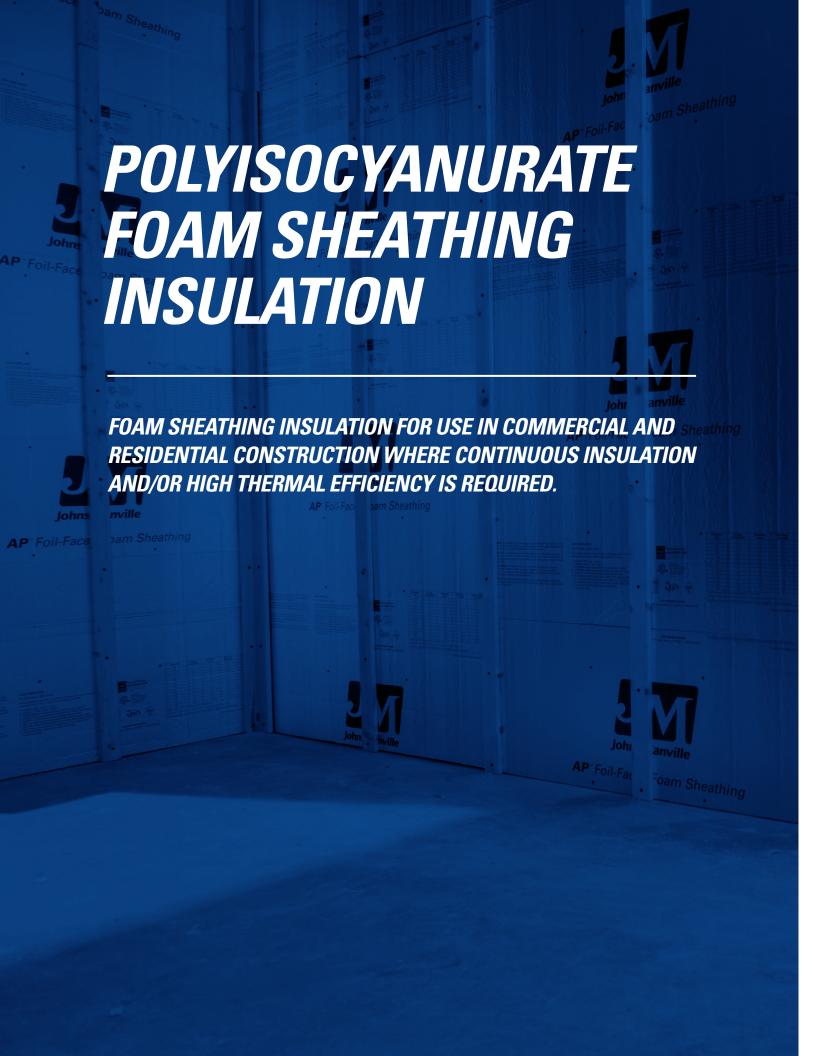
own facilities. This, along with third-party auditing, is your assurance that this product delivers consistent high quality.

**JM products are designed, manufactured Technical specifications as shown in this literature are intended to be used as general and tested to strict quality standards in our guidelines only. Please refer to the Safety Data Sheet and product label prior to using this product. The physical and chemical properties of mineral wool insulation listed herein represent typical, average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Any references to numerical flame spread or smoke developed ratings are not intended to reflect hazards presented by these or any other materials under actual fire conditions. Check with the sales office nearest you for current information. All Johns Manville products are sold subject to Johns Manville's standard Terms and Conditions, which includes a Limited Warranty and Limitation of Remedy. For a copy of the Johns Manville standard Terms and Conditions or for information on other Johns Manville insulation and systems, visit www.jm.com/terms-conditions or call 800 654 3103.

BID 408-05/24/22

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AP™Foil Polyiso Continuous Insulation

Provides moisture, heat and air control, and eliminates major thermal bridges that cause heat loss.

KEY ADVANTAGES

Thermally Efficient: One of the highest energy efficiencies, inch for inch with effective resistance to heat transfer.

Water-Resistive Barrier: Meets the ICC-ES AC71 acceptance criteria.

Vapor Barrier: Class I vapor retarder at one inch.

Air Barrier: Meets the Air Barrier Association of America board stock criteria, when properly installed.

Lightweight: Easy to handle and may be cut with a utility knife or saw.

AVAILABILITY*

R-Values: R-2.9–R-28 **Sizes**: 48" x 96", 48" x 108" and 48" x 120"

Thicknesses: 0.5" – 4.5"
Facings: Silver/Opaque

High-performing KEY ADVANTAGES

rigid foam sheathing

interior applications.

designed for exposed

CI Max® Foam Sheathing

Thermally Efficient: One of the highest energy efficiencies, inch for inch. Effective resistance to heat transfer, with R-values up to R-26.

Vapor Barrier: Maintains a minimum thickness of one inch and qualifies as a Class I vapor retarder for thicknesses 1" and greater.

CI Max Foil-Faced Foam Shea

Lightweight: Easy to handle and may be cut with a utility knife or saw.



AVAILABILITY*

R-Values: R-2.9–R-26 **Size**: 48" x 96"

Thicknesses: 0.5"-4"

Facings: Available in print-free white or silver facer for exposed applications

New AP Foil Wall Assemblies

NFPA 285 WALL ASSEMBLIES:

 $AP^{\text{\tiny{M}}}$ Foil is now approved for additional NFPA 285 wall assemblies, including solid metal panels and fiber cement cladding.

NEW UL 263 & ASTM E119 RATED ASSEMBLIES:

Now 18 different wall assemblies using $AP^{\mathbb{M}}$ Foil are compliant with UL 263 & ASTM E119 fire testing standards for 1 and 2-hour rated assemblies.

ADDITIONAL BENEFITS OF BOTH:

- Continuous insulation solution; helps eliminate major thermal bridges that cause heat loss
- Offers moisture, heat and air control capabilities
- One of the highest R-values per inch of any rigid insulation

*Special sizes and thicknesses available upon request. Minimum order quantities may apply.