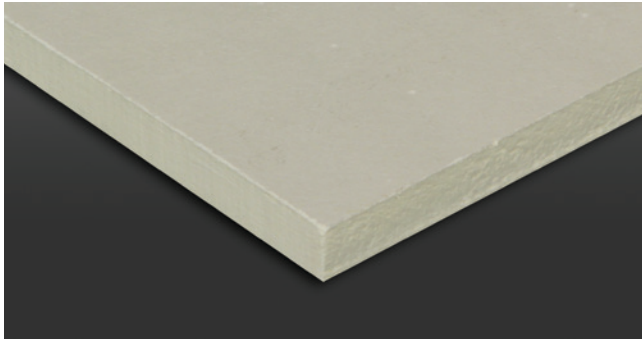


High-Density Polyiso Cover Board



Overview

Henry High-Density Polyiso Cover Board is a ½"-thick, high density polyiso insulation panel specifically designed for use as a cover board. Suitable for both re-roofing and new construction applications, this product is manufactured on-line using premium-performance coated glass facers (CGF). High-Density Polyiso Cover Board delivers an R-value of 2.5, which is significantly higher than roof cover boards made with other materials such as wood fiber or gypsum.

Features and Benefits

- Exceptional protection against hail, rooftop traffic, mold, and moisture
- 5 times higher R-value and ⅓ the weight of gypsum cover boards
- 2 times higher R-value than wood fiber boards
- Lightweight and easy to cut, handle, and install
- Coated glass facer provides strong bond for adhered roofing applications
- Highest R-value per inch providing maximum energy savings and CO₂ emissions avoidance
- HFC- and HCFC-free formulation

Installation

Fully Adhered Single-Ply Systems

High-Density Polyiso Cover Board may be secured to the roof deck using Henry Fasteners and Plates. Fastening pattern shall be designed to allow the roof system to withstand anticipated wind uplift pressures. Butt the edges of High-Density Polyiso Cover Board panels and stagger the joints.



Precautions

High-Density Polyiso Cover Board must be protected from open flame and kept dry at all times. Install only as much High-Density Polyiso Cover Board as can be covered the same day by completed roof-covering material. Henry will not be responsible for specific building and roof design, 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. For more specific details refer to PIMA Technical Bulletin No. 109: Storage and Handling Recommendations for Polyiso Roof Insulation.

Code and Compliances

- ASTM C1289, Type II, Class 4, Grade 1 (109 psi max.)

Typical Properties and Characteristics

Physical Property	Test Method	Value
Compressive Strength	ASTM D1621	109 psi max
Dimensional Stability	ASTM D2126	<0.5% linear change (7 days)
Water Absorption	ASTM C209	<1% volume
R-value	ASTM C518	2.5
Thickness		½" (13 mm)
Panel Thickness		½" (13 mm)
Panel sizes		4' x 8' (1220 mm x 2440 mm)
Weight		13 lbs (5.9 kg) per 4' x 8' panel
Service Temperature		260°F (126°C) or less
Resistance to Mold	ASTM D3273	Passed

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.

LEED Information

Pre-consumer Recycled Content	9%
Post-consumer Recycled Content	0%
Manufacturing Location	Smithfield, PA Franklin Park, IL Tooele, UT
Solar Reflectance Index (SRI)	N/A

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