

EnergyGuard™ HD & EnergyGuard™ HD Plus PolyISO Cover Board Sell Sheet (COMGT323)

Updated: 5/15



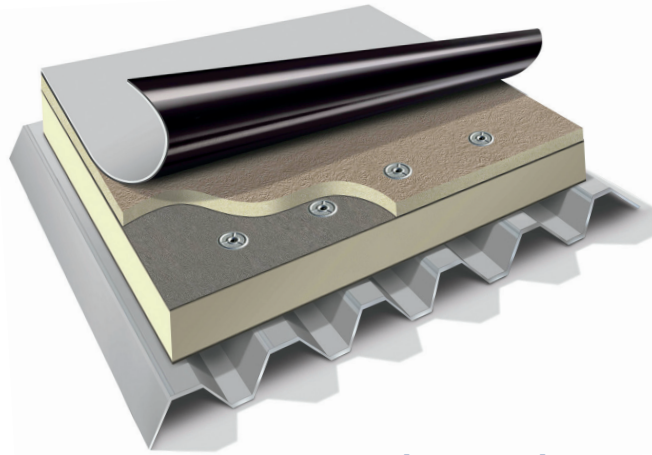
*Quality You Can Trust...From
North America's Largest Roofing Manufacturer!™*



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EnergyGuard™ HD

POLYISO COVER BOARD



Description

EnergyGuard™ HD is a 1/2" (12.7 mm) thick high-density polyiso cover board. EnergyGuard™ HD has an R-value of 2.5,* the highest of any cover board—and, at 11 lbs (4.99 kg) per 4' x 8' (1.21 m x 2.44 m) board, it's a fraction of the weight of gypsum cover boards. With over 80 psi compressive strength and a durable coated glass facer, EnergyGuard™ HD is an ideal board for protecting your roof against the elements.

Features and Benefits

- Easy to Handle... Lightweight and easy to cut and install
- Superior Performance... Highest R-value cover board at 2.5
- Durable Construction... Over 80 psi compressive strength combined with a durable coated glass facer
- Versatile... Compatible with mechanically attached TPO, fully adhered TPO, cold-applied MB, and cold-applied BUR applications

Product Details

- Compressive strength \geq 80 psi
- Hail rating of SH-1
- Weight – 11 lbs (4.99 kg) (4' x 8' [1.21 m x 2.44 m] board)
- Premium coated glass facer
- Thickness – 1/2" (12.7 mm)
- Pieces per bundle – 48
- Contains no CFCs or HCFCs; has zero ODP and is EPA compliant

Codes & Compliance

- UL Class A (790)
- FM Approved – consult RoofNav.com for specific assemblies
- ASTM E 108
- ASTM C1289 Type 2, Class 4, Grade 1

HIGH-DENSITY
POLYISO COVER BOARD

TYPICAL PHYSICAL PROPERTY DATA CHART (POLYISO FOAM CORE ONLY)		
PROPERTY	TEST METHOD	VALUE
Compressive Strength	ASTM D1621	\geq 80 psi
Dimensional Stability	ASTM D2126	< 0.5% linear change
Water Absorption	ASTM C209	< 1% volume
Resistance to Mold	ASTM D3273	Passed (10)
Service Temperature		260°F (126.7°C) or less
Recycled Content		> 8%

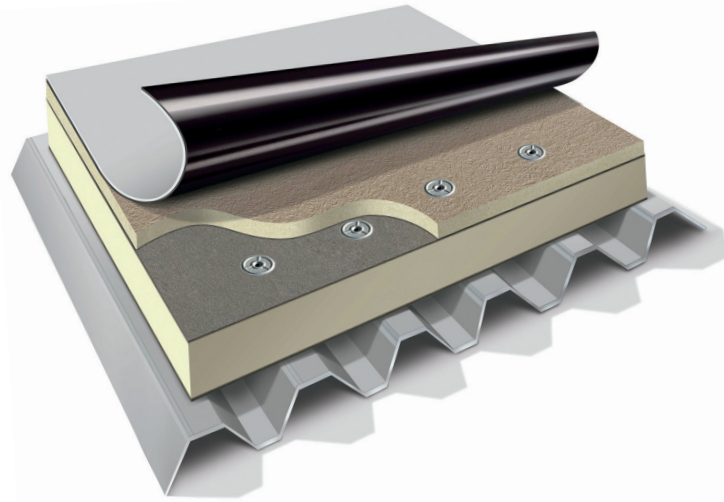
*Tested in accordance with ASTM C518



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EnergyGuard™ HD PLUS

POLYISO COVER BOARD



Description

EnergyGuard™ HD PLUS is a ½" (12.7 mm) thick high-density polyiso cover board. EnergyGuard™ HD PLUS has an R-value of 2.5,* the highest of any cover board—and, at 13 lbs (5.9 kg) per 4' x 8' (1.21 m x 2.44 m) board, it's a fraction of the weight of gypsum cover boards. With over 110 psi compressive strength and a durable coated glass facer, EnergyGuard™ HD PLUS is an ideal board for protecting your roof against the elements.

Features and Benefits

- Easy to Handle... Lightweight and easy to cut and install
- Superior Performance... Highest R-value cover board at 2.5
- Durable Construction... Over 110 psi compressive strength combined with a durable coated glass facer
- Versatile... Compatible with mechanically attached TPO, fully adhered TPO, cold-applied MB, and cold-applied BUR applications

Product Details

- Compressive strength ≥ 110 psi
- Hail rating of SH-1
- Weight – 13 lbs (5.9 kg) (4' x 8' [1.21 m x 2.44 m] board)
- Premium coated glass facer
- Thickness – ½" (12.7 mm)
- Pieces per bundle – 48
- Contains no CFCs or HCFCs; has zero ODP and is EPA compliant

Codes & Compliance

- UL Class A (790)
- FM Approved – consult RoofNav.com for specific assemblies
- ASTM E108
- ASTM C1289 Type 2, Class 4, Grade 2

HIGH-DENSITY
POLYISO COVER BOARD

TYPICAL PHYSICAL PROPERTY DATA CHART (POLYISO FOAM CORE ONLY)		
PROPERTY	TEST METHOD	VALUE
Compressive Strength	ASTM D1621	≥ 110 psi
Dimensional Stability	ASTM D2126	< 0.5% linear change
Water Absorption	ASTM C209	< 1% volume
Resistance to Mold	ASTM D3273	Passed (10)
Service Temperature		260°F (126.7°C) or less
Recycled Content		> 8%

*Tested in accordance with ASTM C518