EnergyGuard™ HD & HD Plus Polyiso Insulation Sell Sheet

(COMGT323)

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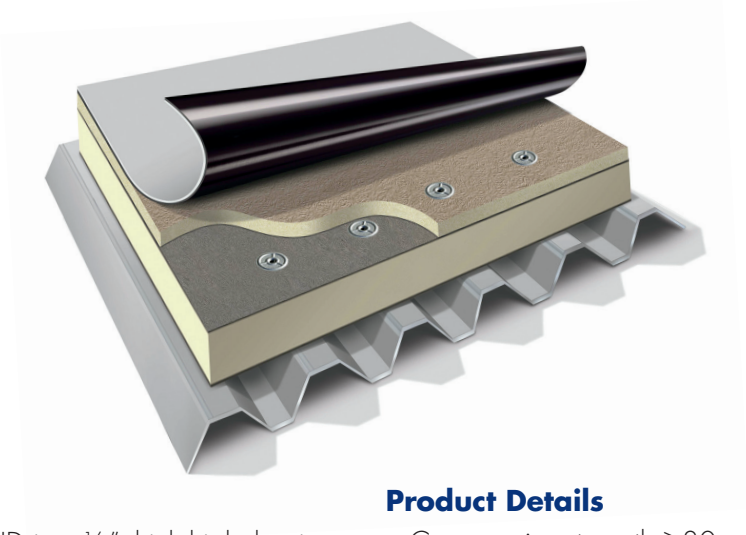
EnergyGuard™ HD
POLYISO INSULATION



Description

EnergyGuard™ HD is a ½" thick high-density polyiso cover board. EnergyGuard™ HD has an R-value of 2.5,* the highest of any cover board — and, at 11 lb. (4.9 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 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… Light weight (11 lb. [4.9 kg] per 4' x 8' [1.21 m x 2.44 m] board), easy to cut and install
- Excellent 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, cold-applied BUR applications, and more!

Product Details

- Compressive strength ≥80 psi
- Approved as a component of FM-approved systems with a Hail Rating of Class 1-SH. See RoofNav.com for specific assemblies.
- Weight – 11 lb. (4.9 kg) per 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 790/ASTM E108 Class A Roofing Fire Rating — Refer to UL's Online Certification Directory for actual assemblies
- FM Approved – consult RoofNav.com for specific assemblies
- ASTM C1289 Type 2, Class 4, Grade 1

FM APPROVED

CLASSIFIED UL

TYPICAL PHYSICAL PROPERTY DATA CHART (POLYISO FOAM CORE ONLY)		
PROPERTY	**TEST METHOD**	**VALUE**
Compressive Strength	ASTM D1621	≥ 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 or less
Recycled Content		> 8%

*Tested in accordance with ASTM C518

HIGH-DENSITY POLYISO COVER BOARD

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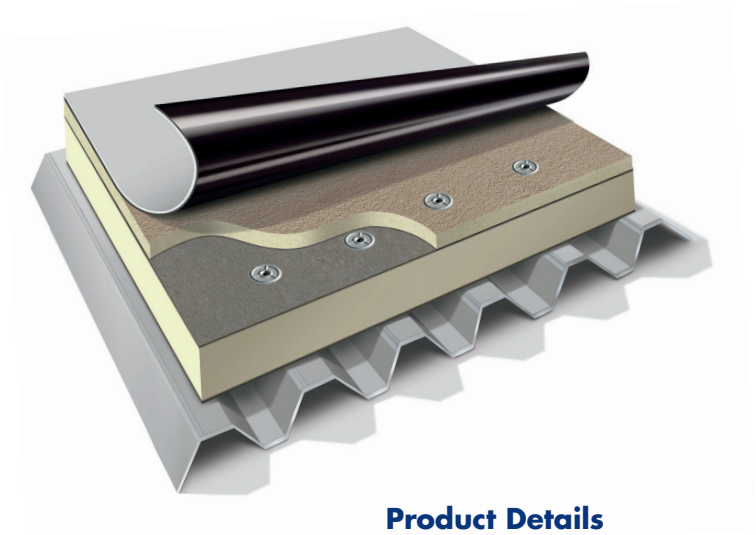
EnergyGuard™ HD PLUS
POLYISO INSULATION



HIGH-DENSITY POLYISO COVER BOARD

Description

EnergyGuard™ HD PLUS is a ½" 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 lb. (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… Light weight (13 lb. [5.9 kg] per 4' x 8' [1.21 m x 2.44 m] board), easy to cut and install
- Excellent 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, cold-applied BUR applications, and more!

Product Details

- Compressive strength ≥110 psi
- Approved as a component of FM-approved systems with a Hail Rating of Class 1-SH. See RoofNav.com for specific assemblies.
- Weight – 13 lb. (5.9 kg) per 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 790/ASTM E108 Class A Roofing Fire Rating — Refer to UL's Online Certification Directory for actual assemblies
- FM Approved – consult RoofNav.com for specific assemblies
- ASTM C1289 Type 2, Class 4, Grade 2

FM APPROVED

CLASSIFIED UL

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 or less
Recycled Content		> 8%

*Tested in accordance with ASTM C518

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