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POLYISO INSULATED SHEATHING

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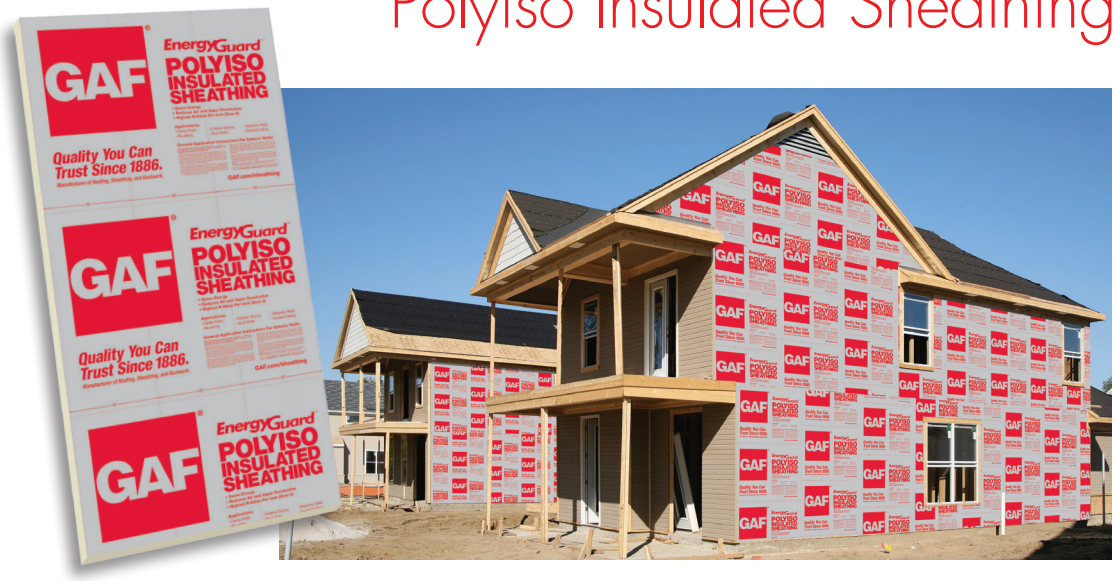
EnergyGuard™

Polyiso Insulated Sheathing



Description

EnergyGuard™ Polyiso Insulated Sheathing is made of bilaminate (aluminum and kraft) facers bonded to a core of polyiso foam. EnergyGuard™ Polyiso Insulated Sheathing is a great option for helping to reduce energy costs due to its high R-value per inch.

Features and Benefits

- Provides Continuous Insulation — Only insulating the cavity wall area leaves up to 25% of the wall area underinsulated by studs, creating a thermal bridge. Installing EnergyGuard™ Polyiso Insulated Sheathing eliminates thermal bridging by covering the studs and adds additional insulation to the rest of the wall.
- Helps Control Air & Vapor — EnergyGuard™ Polyiso Insulated Sheathing also helps reduce air infiltration and acts as a vapor retarder.
- High Insulation Value — Superior R-value compared to other products of equivalent thickness.
- Versatile — Can be used in a variety of applications including cavity walls, masonry walls, stud walls, exterior stucco, re-siding, and vaulted ceilings.
- Meets the requirements of ASTM C1289 Type I, Class 1. Available in 16 PSI and 20 PSI compressive strengths.
- Because of its light weight, this material is easy to handle on the job site and installs faster. Easier cutting in the field provides the installer with simplified fabricating on the job site.
- Manufactured with EPA-compliant blowing agents containing no CFCs or HCFCs; has zero ozone depletion potential (ODP) and virtually no global warming potential (GWP).
- Available in 0.5" (12.7 mm), 0.75" (19.1 mm), 1" (25.4 mm), 1.25" (31.8 mm), 1.5" (38.1 mm) 1.75" (44.4 mm), and 2" (51 mm) thicknesses to best suit your needs.
- Available in 4' x 8' (1.21 m x 2.44 m) boards.

TYPICAL PHYSICAL PROPERTY DATA CHART (POLYISO FOAM CORE ONLY)		
PROPERTY	**TEST METHOD**	**VALUE**
Compressive Strength	ASTM D1621	≥ 16 PSI
Dimensional Stability (Length + Width)	ASTM D2126	< 2%
Water Absorption	ASTM C209	< 1%
Moisture Vapor Transmission	ASTM E96	< 0.3 Perm
Service Temperature		-100° to 250°F (37.8° to 121.1°C)
Flame Spread Index	ASTM E84	< 75*
Smoke Developed Index	ASTM E84	< 200*

*Foam Core