

EcoTouch® Flame Spread 25 FIBERGLAS™ Insulation Faced Fiberglass Batt



Description

EcoTouch® Flame Spread 25 FIBERGLAS™ insulation is a light density, flexible batt, with a factory applied facing that has an assured low flame spread. The product is available in R-values ranging from 13 to 30. The FSK (foil-scrim-kraft) and light-reflective white PSK (polypropylene-scrim-kraft) facings act as vapor retarders, and provide a neat, finished appearance.

Uses

Flame Spread 25 insulation is used in the CavityComplete® Wall System, typically types I or II construction, where a low flame spread vapor retarder (< 25) is required.

Features and Benefits

Meets Building Code Requirements

Because of its low surface burning characteristics, Flame Spread 25 insulation meets building code requirements for exposed applications. Although typically covered with interior gypsum board in the CavityComplete® Wall System, the product can be applied to building surfaces without the need for a separate finish or covering.

Excellent Thermal Performance

With the range of R-values available, Flame Spread 25 insulation can meet most thermal specifications with ease in between CavityComplete® steel stud framing.

Easy Installation

The product is easy to install and fabricate. Flame Spread 25 insulation is designed with flanges for easy installation in framing applications. Flame Spread 25 insulation is available in convenient full widths for metal frame construction.

Read This Before You Buy

What you should know about R-Values

The chart shows the R-value of this insulation. R means resistance to heat flow. The higher the R-value, the greater the insulating power.

To get the marked R-value, it is essential that this insulation be installed properly.

Technical Data

EcoTouch® Flame Spread 25 Fiberglas™ Insulation

	Width		Length	Thickness	R-Value ¹
Metal Frame Construction	16" (406mm)		96" (2,438mm)	3-1/2" (89mm)	13.0
	16" (406mm)	24" (609mm)	96" (2,438mm)	6-1/4" (159mm)	19.0
	16" (406mm)	24" (609mm)	48" (1,219mm)	9-1/2" (89mm)	30.0

¹ The higher the R-value, the greater the insulating power. Ask your Owens Corning representative for the fact sheet on R-values.

Improves Acoustical Performance

Flame Spread 25 insulation improves acoustical performance by increasing Sound Transmission Class (STC) and Outdoor-Indoor Transmission Class (OITC) ratings.

Design Considerations

The need for and placement of a vapor retarder in commercial construction depends on many factors. For more information, see the CavityComplete® Technical Bulletin regarding regional design recommendations.

Permanence Data

Vapor Retarder	FSK	PSK
Perms Maximum	0.50	0.50

Surface Burning Characteristics/Building Code Construction Classification

Product	Flame Spread	Smoke Developed	ICC
FSK-faced	25	50	All Types
PSK-faced	25	50	All Types

EcoTouch® Flame Spread 25 FIBERGLAS™ insulation complies with International Building Code (ICC) model code requirements for building construction types listed above.

Applicable Standards

Flame Spread 25 FSK (foil-scrim-kraft) faced insulation complies with ASTM C665, Type III, Class A.

Flame Spread 25 PSK (polypropylene-scrim-kraft) faced insulation complies with ASTM C665, Type II, Class A.

The thermal resistance values for Flame Spread 25 insulation were tested in accordance with ASTM C518; R-value for insulation only.

The surface burning characteristics of Flame Spread 25 insulation were derived from product tests per ASTM E84. This standard is used solely to measure and describe properties of products in response to heat and flame under controlled laboratory conditions. These numerical ratings are not intended to reflect hazards presented by this or any other material under actual fire conditions. Values are reported to the nearest five rating.

The vapor retarder permeance of the FSK facing on Flame Spread 25 insulation was developed from tests conducted in accordance with ASTM E96, desiccant method.

Use a properly fitted NIOSH or MSHA approved disposable dust respirator such as the 3M model 8210 (Model 8271 in high humidity environments) or equivalent when installing or removing this product in poorly ventilated spaces.

Fiberglass and Mold:

As manufactured, fiber glass insulation is resistant to mold growth. However, mold growth can occur on building materials, including insulation, when it becomes contaminated with organic material and when water is present. To avoid mold growth on fiber glass insulation, remove any water that has accumulated and correct or repair the source of that water as soon as possible. Insulation that has become wet should be inspected for evidence of residual moisture and contamination, and any insulation that is contaminated should be promptly removed and replaced.

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GREENGUARD Certified products are certified to GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit ul.com/gg.

The CavityComplete[®] Wall System excludes the masonry veneer, steel studs and interior and exterior gypsum board. A detailed list of the components is available at www.CavityComplete.com.



CavityComplete.com | 844-CAV-COMP

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