

EcoTouch® PINK® FIBERGLAS™ Insulation with PureFiber® Technology

Description

Owens Corning® EcoTouch® Insulation with PureFiber® Technology is flexible insulation and is made in R-values from 11 to 38. EcoTouch® Insulation is available unfaced, and manufactured in thicknesses from 3-1/2" to 12".

Uses

EcoTouch® Insulation is used when the CavityComplete® Wood Stud Wall System design requires the use of faced or unfaced fiber glass batt insulation in the wood stud wall framing cavities.

Surface Burning Characteristics/ Building Code Construction Classification

Products	Flame Spread	Smoke Developed	ICC
Unfaced	<25	<50	All Types
Foil Faced	>75	>150	III, IV, V
Kraft Faced	N/R	N/R	III, IV, V

EcoTouch® Insulation complies with ICC (International Building Code), model code requirements for building construction types listed above.

Unfaced insulation is considered non-combustible by building codes. Flame Spread 25 products have a flame spread rated facer and can be used in Types I and II construction.

Features and Benefits

Excellent Thermal Control

With the range of R-values and thicknesses available, EcoTouch® Insulation can meet most thermal specifications with ease.

Effective Acoustical Control

EcoTouch® Insulation enhances noise control by improving the Sound Transmission Class (STC) and Outdoor-Indoor Transmission Class (OITC) of exterior wall assemblies.

Long Term Performance

EcoTouch® Insulation is dimensionally stable and will not slump within the wall cavity. Due to its inorganic fibers, EcoTouch® Insulation will not rot or mildew¹ and is noncorrosive to steel, copper, and aluminum.

Easy Installation

EcoTouch® Insulation is easy to handle and install. Sized for full cavity fill installation in wood stud construction, EcoTouch® Insulation is friction-fit into place. Trimming and fabrication can be done with an ordinary utility knife and is easily installed into odd-shaped cavities and small spaces. With less dust than other fiberglass insulation products, EcoTouch® Insulation has excellent stiffness and recovery characteristics.²

Designed with the Environment in Mind

EcoTouch® Insulation with PureFiber® Technology contains more than 99% natural³ ingredients, and includes a minimum of 55% total recycled content — the highest certified recycled content available in the fiberglass industry.⁴ EcoTouch® Insulation is GREENGUARD Gold and is verified to be formaldehyde free.⁵

SpaceSaver Packaging

EcoTouch® Insulation is compression packaged in exclusive SpaceSaver packaging from Owens Corning. SpaceSaver packaging reduces freight and speeds job site handling/ installation.

EcoTouch® Insulation

	Width		Length		Thick-ness	R-Value ¹
Wood Frame Construction	15" (381mm)	23" (584mm)	48" (1,219mm)	93" (2,362mm)	3-1/2" (89mm)	11
	15" (381mm)	23" (584mm)	48" (1,219mm)	93" (2,362mm)	3-1/2" (89mm)	13
	15" (381mm)	23" (584mm)		93" (2,362mm)	3-1/2" (89mm)	15
	15" (381mm)	23" (584mm)	48" (1,219mm)	93" (2,362mm)	6-1/4" (159mm)	19
	15" (381mm)	23" (584mm)		93" (2,362mm)	5-1/2" (139mm)	21

EcoTouch® Unfaced Insulation complies with the property requirements of ASTM C665, Type I and ASTM E136.

Design Considerations

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

Product Data

	Kraft	Foil
Available Vapor Retarder Facings, Perms Maximum ¹	1	0.5
Water Absorption, Maximum by Volume	Less than 0.05%	
Dimensional Stability, Linear Shrinkage	Less than 0.1%	

1. Products are tested in accordance:
 R-Value ASTM C518
 Surface Burning Characteristics ASTM E84
 Perm Rating ASTM E96

Applicable Standards

EcoTouch® unfaced Insulation is manufactured in compliance with ASTM Standard Specification C665, Type I, and is classified noncombustible per ASTM E136. EcoTouch® Kraft-faced Insulation is manufactured in compliance with ASTM C665, Type II, Class C. EcoTouch® Foil-faced Insulation is manufactured in compliance with ASTM C665, Type III, Class B and C.

The thermal resistance values for EcoTouch® Insulation were tested in accordance with ASTM C518; R-value for insulation only.

The surface burning characteristics of EcoTouch® Insulation were derived from products tested in accordance with ASTM E84. This standard is used solely to measure and describe properties of products in response to heat and flame under controlled laboratory conditions, and should not be used to describe or approve the fire hazard of materials under actual fire conditions. However, the results of these tests may be used as elements of a fire risk assessment that takes into account all of the factors pertinent to an assessment of the fire hazard of a particular end use. Values are reported to the nearest five rating.

The vapor retarder permeance of the kraft and foil facings on EcoTouch® Insulation were developed from tests conducted in accordance with ASTM E96, desiccant method.

The CavityComplete® Wood Stud Wall System excludes the masonry veneer, wood studs, interior gypsum board and exterior sheathing. A detailed list of the components is available at www.CavityComplete.com.

Notes

- As manufactured, FIBERGLAS™ 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 FIBERGLAS™ insulation, remove any water that has accumulated and correct or repair the source of the 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.
- According to 2010 clinical trial conducted in Toronto, Canada by Ducker Worldwide on behalf of Owens Corning Insulation Systems, LLC.
- Unfaced insulation is made with a minimum of 99 percent by weight natural materials consisting of minerals and plant-based compounds.
- Certified by SCS Global Services to contain a minimum of 55% recycled glass content, 13% pre-consumer and 37%.
- Owens Corning® EcoTouch® Unfaced FIBERGLAS™ insulation is verified to be formaldehyde free by the GREENGUARD Environmental Institute.

Disclaimer of Liability

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SCS Global Services provides independent verification of recycled content in building materials and verifies recycled content claims made by manufacturers. For more information, visit www.SCSglobalservices.com.

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.

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GREENGUARD Indoor Air Quality and GREENGUARD Gold applies to EcoTouch® Unfaced Batts, EcoTouch® Faced Batts and Unbonded Loosefill Insulation. GREENGUARD Formaldehyde Free applies to EcoTouch® Unfaced Batts and Unbonded Loosefill Insulation.

GREENGUARD Gold applies to Flame Spread 25 FSK Faced; Flame Spread 25 Extended Flanges PSK Faced; Sound Attenuation Batt Insulation; Sonobatts® Insulation Unfaced; Sonobatts® Insulation Kraft-Faced and Metal Building Insulation.

SCS 55% recycled content applies to EcoTouch® Unfaced Batts and Rolls, EcoTouch® Faced Batts and Rolls, Loosefill Insulation, Metal Building Insulation products and Flexible Air Handling products.