



EcoTouch® PINK® Fiberglas™ Insulation



Description

Owens Corning® EcoTouch® PINK® Fiberglas™ Insulation with PureFiber® Technology is a preformed, flexible blanket insulation. It is produced in R-values from 11 to 49, with thicknesses ranging from 3½ inches to 14 inches. It is available unfaced, or faced with either a kraft or foil vapor retarder.

Features

- Excellent thermal control
- Effective acoustical control
- Long term performance and will not settle nor slump within wall cavities
- With less dust than other fiberglass products, EcoTouch® PINK® Fiberglas™ insulation has excellent stiffness and recovery characteristics¹
- Compression packaging from Owens Corning speeds job site handling and installation

1. According to 2010 clinical trial conducted in Toronto, Canada by Ducker Worldwide on behalf of Owens Corning Insulation Systems, LLC.

Applications

- Wood-framed wall, floor and roof/ceiling cavity wall assemblies
- Metal-framed wall and floor cavity wall assemblies
- Furring strips installed on the interior surface of basement walls
- Interior surfaces of basement and unvented crawl space foundation walls

Standards, Codes Compliance

- Manufactured in compliance with ASTM C 665
- Federal Specification HH-I-521F has been canceled and is replaced by ASTM C 665
- Classified non-combustible when tested in accordance with ASTM E 136
- Unfaced EcoTouch® PINK® Fiberglas™ insulation is acceptable for use in ICC building construction types I through V; kraft and foil faced EcoTouch® PINK® Fiberglas™ insulation are acceptable for use in ICC building construction types III, IV and V
- Certified to meet California Code of Regulations, Title 24, Chapter 12-13, Article 3, "Standards for Insulating Material"

Physical Properties

Property (unit)	Test	Value
Thermal Resistance	ASTM C518	See "Availability" table for R-values
Surface Burning Characteristics ² (flame spread / smoke developed)	ASTM E 84 / UL 723	
Unfaced		25 / 50
Kraft faced		NR / NR
Foil faced		75 / 150
Critical Radiant Flux (W/cm ²)	ASTM E970	>0.12
Water Vapor Permeance (perms)	ASTM E96	
Kraft faced		1.0
Foil faced		0.5
Water Vapor Sorption (by weight)	ASTM C1104	<5%
Odor Emission	ASTM C1304	Pass
Corrosion Resistance	ASTM C665, part 13.8	Pass
Fungi Resistance	ASTM C1338	Pass

2. 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.

Design Considerations

- For optimum insulation performance the building thermal barrier (insulation) should be in continual alignment with the building air barrier. In framed cavities, the product thickness should match the depth of the framing members.
- Follow the local, applicable building code(s) to determine the need for and placement of a vapor retarder.
- Do not install insulation on top, or within 3 inches of a recessed light fixture unless the fixture is labeled as "insulation contact" (IC) rated.
- Kraft and standard foil facings will burn and cannot be left exposed. Install facings in substantial contact with the assembly finish material. Protect from open flame or other heat source.

Installation

See Owens Corning publication "Installation Guide for Light Density Insulation" (Pub. No. 10017858) for more information.

Environmental and Sustainability

Owens Corning is a worldwide leader in building material systems, insulation and composite solutions, delivering a broad range of high-quality products and services.

Owens Corning is committed to driving sustainability by delivering solutions, transforming markets and enhancing lives. More information can be found at www.owenscorning.com.

Notes

Fiberglass products may cause temporary skin and mucous membranes itching due to the mechanical abrasion effects of fibers, a condition which is completely reversible. Owens Corning does not recommend the use of unfaced EcoTouch® PINK® Fiberglas™ Insulation in exposed applications where it will be subject to routine human contact due to this potential temporary irritation.

For additional information, refer to the Safe Use Instruction Sheet (SUIS) found in the SDS Database via <http://sds.owenscorning.com>.

Availability

	Width		Length		Thickness	R-Value	
Metal Frame Construction	16"	24"	48"	96"	3 1/2"	11	
	(406mm)	(609mm)	(1,219mm)	(2,438mm)	(89mm)		
	16"	24"	48"	96"	3 1/2"	13	
	(406mm)	(609mm)	(1,219mm)	(2,438mm)	(89mm)		
	16"	24"	96"	96"	3 1/2"	15	
	(406mm)	(609mm)	(2,438mm)	(2,438mm)	(89mm)		
	16"	24"	96"	96"	5 1/2"	21	
	(406mm)	(609mm)	(2,438mm)	(2,438mm)	(139mm)		
Wood Frame Construction Walls	11"		93"	105"	3 1/2"	11	
	(406mm)		(2,362mm)	(2,667mm)	(89mm)		
	11"		93"		3 1/2"	13	
	(406mm)		(2,362mm)		(89mm)		
	11"		105"		3 1/2"	15	
	(406mm)		(2,667mm)		(89mm)		
	11"		93"		6 1/4"	19*	
	(406mm)		(2,362mm)		(159mm)		
	12"		48"		9 1/2"	30	
	(406mm)		(1,219mm)		(241mm)		
	15"	23"	48"	93"	3 1/2"	11	
	(381mm)	(584mm)	(1,219mm)	(2,362mm)	(89mm)		
15"	23"	48"	93"	3 1/2"	13		
(381mm)	(584mm)	(1,219mm)	(2,362mm)	(89mm)			
15"	23"	93"		3 1/2"	15		
(381mm)	(584mm)	(2,362mm)		(89mm)			
15"	19 1/4"	23"	48"	93"	6 1/4"	19*	
(381mm)	(584mm)	(1,219mm)	(2,362mm)	(159mm)			
15"	23"	93"		5 1/2"	20		
(381mm)	(584mm)	(2,362mm)		(139mm)			
15"	23"	93"		5 1/2"	21		
(381mm)	(584mm)	(2,362mm)		(139mm)			
15"	23"	105"		5 1/2"	21		
(381mm)	(584mm)	(2,667mm)		(139mm)			
23"	23"	93"		5 1/2"	21		
(381mm)	(584mm)	(2,362mm)		(139mm)			
Floor/Ceiling	15"	19 1/4"	23"	48"	93"	6 1/4"	19
	(381mm)	(584mm)	(1,219mm)	(2,362mm)	(159mm)		
	15"	23"	48"		6 3/4"	22	
	(381mm)	(584mm)	(1,219mm)		(171mm)		
	15"	23"	48"		8"	25	
	(381mm)	(584mm)	(1,219mm)		(203mm)		
	15 1/2"	23 3/4"	48"		8 1/4"	30C	
	(394mm)	(603mm)	(1,219mm)		(209mm)		
	16"	19 1/4"	24"	48"	9 1/2"	30	
	(406mm)	(609mm)	(1,219mm)		(241mm)		
15 1/2"	23 3/4"	48"		10 1/4"	38C		
(394mm)	(603mm)	(1,219mm)		(260mm)			
16"	24"	48"		12"	38		
(406mm)	(609mm)	(1,219mm)		(305mm)			
16"	24"	48"		14"	49		
(406mm)	(609mm)	(1,219mm)		(356mm)			

*Delivers R18 value when installed in 5.5" deep cavity.

Certifications and Sustainable Features

- Certified by SCS Global Services to contain a minimum of 65% with minimum 47% post-consumer and 18% pre-consumer*
- GREENGUARD Certified products are certified to GREENGUARD standards for low chemical emissions into indoor air during product usage. GREENGUARD validated to be Formaldehyde free. For more information, visit ul.com/gg
- Environmental Product Declaration (EPD) has been certified by UL Environment
- Gold Material Health Certificate from Cradle to Cradle Products Innovation Institute*



*Unfaced EcoTouch® insulation only.

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