



PINK® Fiberglas™ Sonobatts® Insulation



Description

PINK® Fiberglas™ Sonobatts® are flexible, fiberglass insulation, made in R-values from 11 to 19. Sonobatts® insulation is available plain, or faced with a kraft vapor retarder. The product is manufactured in thicknesses from 3½" to 6¼". Sonobatts® insulation is designed for use over suspended ceiling panels to economically improve both the noise control and thermal performance of new or existing ceiling systems. The product is sized to fit over standard ceiling tiles.

Features

- Effective acoustical performance
- 2 ft. x 4 ft. to fit on ceiling tiles
- With less dust than other fiberglass products, PINK® Fiberglas™ insulation has excellent stiffness and recovery characteristics¹
- Compression packaging from Owens Corning eases job site handling

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

Standards, Codes Compliance

- Manufactured in compliance with ASTM C665 Type 1
- Classified non-combustible when tested in accordance with ASTM E 136
- Unfaced PINK® Fiberglas™ Sonobatts® insulation is acceptable for use in ICC building construction types I through V
- Certified to meet California Code of Regulations, Title 24, Chapter 12-13, Article 3, "Standards for Insulating Material"

Acoustic Benefit

Sonobatts insulation is designed to be installed on the ceiling tiles of suspended ceiling systems to reduce room to room sound transmission. In general ceiling areas above offices are common with the partition walls ending at the ceiling. Adding 3½" Sonobatts insulation can improve the two room STC at the ceiling 10 to 12 points, while adding 6¼" Sonobatts insulation can improve the STC by 16 to 18 points (an additional 4 to 8 points as compared to 3½" Sonobatts insulation). Sonobatts insulation meet the requirements of UL 181 for air erosion to be left exposed in a return air plenum with air velocities of up to 1000 feet per minute.

Product Data

PINK® Fiberglas™ Sonobatts® Insulation

Application	Width	Length	Thickness	R-value ¹
Ceiling	24" (609mm)	48" (1.129mm)	3.5" (89mm)	11
	24" (609mm)	48" (1.129mm)	6.25" (159mm)	19

1. Tested per ASTM C518.

Technical Data

PINK® Fiberglas™ Sonobatts® Insulation

Property (unit)	Test	Value
Dimensional Stability (shrinkage)		<0.1%
Surface Burning Characteristics (flame spread/smoke developed)	ASTM E84	
Unfaced		<25 / <50
Kraft faced		NR
Critical Radiant Flux (W/cm ²)	ASTM E970	>0.12
Water Vapor Permeance (perms)	ASTM E96 ²	
Unfaced		NA
Kraft faced		1
Water Vapor Sorption (by weight)		<5%
Odor Emission	ASTM C1104	pass
Corrosion Resistance	ASTM C665, part 13.8	pass
Fungi Resistance (fiberglass only)	ASTM C1338	pass
Property Combustion characteristics (fiberglass only)	ASTM E136	pass (noncombustible)

1. Dessicant method.

Classification

PINK® Fiberglas™ Sonobatts® Insulation

	ICC Bldg. Construction	ASTM C665
Unfaced	All types	Type 1
Kraft faced	Type III, VI, V	Type II, Class C, Cat. 1

Design Considerations

Caution: Kraft paper facing will burn. Do not leave exposed. Facing must be installed in substantial contact with an approved ceiling, floor or wall material. Keep open flame and other heat sources away from facing. See packaging for warnings, fire hazard and installation instructions, or call 1-800-GET-PINK®.

Neither the insulation nor its facing should be relied upon to provide an air barrier. Failure to provide an adequate air barrier could lead to loss of thermal control, discomfort of the building occupants and frozen pipes.

In thermal applications, the area above the insulation should not act as a return air plenum. This would render the insulation thermally ineffective as the air space above the ceiling would be at the same temperature as the room below. Thermal insulation in return plenum areas would best be added at the roof and side walls.

Insulation installed too close to light fixtures may affect the luminaire's performance. Do not install insulation on top of or within 3" of recessed light fixtures unless the fixtures are approved for such use. This is a requirement of the National Electric Code.

Consult the ceiling panel manufacturer for information on time-design hourly fire resistance rated assemblies and maximum backloading recommendations.

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>.

Certifications and Sustainable Features

- Certified by SCS Global Services to contain an average of 55% recycled glass content, 18% pre-consumer and 37% post-consumer
- 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
- Environmental Product Declaration (EPD) has been certified by UL Environment
- Material Health Certificate from Cradle to Cradle Products Innovation Institute



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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.



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