

BASEMENT BLANKET™ FIBERGLAS™ INSULATION

Basement Blanket™ Fiberglas™ insulation is recommended for new construction and retrofit basement applications as a means to help reduce heat loss, or gain, through the basement wall area.

Features

- Available in R-values of 11 and 19 to meet basement energy code requirements
- Easy to install
- Attractive white facing provides a durable finish
- Facing is perforated for proper moisture management
- Low Flame Spread Rating of 25 to meet all model building code provisions

Applications

Owens Corning® Basement Blanket™ Fiberglas™ insulation is perforated to allow water vapor movement and drying to the interior or exterior of the insulation. For below-grade walls, a vapor retarder is not recommended.

For areas with expansive soils, consult a soil expert or civil engineer for advice on proper drainage and design of the foundation.

Physical Properties

R-VALUE	FACING	WIDTH	LENGTH	THICKNESS	ROLL LENGTH
11	Perforated Poly	48"	600"	3.5"	50'
11	Unfaced	48"	600"	3.5"	50'
19	Perforated Poly	48"	360"	5.5"	30'
19	Unfaced	48"	360"	5.5"	30'

Technical Data

PROPERTY	TEST METHOD	VALUE
Insulation Certification Perforated Facing PSK	ASTM C665	 Type II, Class A, Category 2
ICC Model Building Code Construction Classification	N/A	All Types
Thermal Resistance[1]	ASTM C518	R-11, R-19
Surface Burning Characteristics Flame Spread Index Smoke Developed Index	ASTM E84[2]	 < 25 < 50
Fungi Resistance	ASTM C1338	Passed
Water Vapor Transmission Perforated Facing	ASTM E96[3]	 Greater than 5 perms
Moisture Sorption	ASTM C1104	< 0.5% by volume

1 R-values differ. Find out why in the seller's fact sheet on R-values. Higher R-value means greater insulating power.
2 This product has been tested in accordance with ASTM E84. This standard is used solely to measure and describe the properties of products in response to heat and flame under controlled conditions. These numerical ratings are not intended to reflect hazards presented by this or any other material under actual fire conditions.
3 Based on desiccant method.

Installation

Basement Blanket™ Fiberglas™ insulation is designed to cover the interior basement wall area from the sill plate to just above the basement floor. Basement Blanket™ can be installed vertically with framing boards attached horizontally at the sill area and just above the floor. Vertical installation can be done using vertical framing boards for the sides of each roll. Basement Blanket™ can also be installed horizontally with framing boards at the sill area, near the middle of the wall and just above the floor.

Fasteners — Basement Blanket™ Fiberglas™ insulation facing contains reinforcement yarns to improve the finish durability and to increase staple holding power. Staples should be applied over reinforcement yarns without breaking them. Staples should be applied three inches on center.

Application Consideration — New foundation walls contain large quantities of water. Insulating the interior of the basement wall should be scheduled late in the completion of the home. This will allow maximum foundation drying time prior to installing Basement Blanket™ Fiberglas™ insulation.

Fiberglass and Mold

As manufactured, fiberglass 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, remove any water that has accumulated, and correct or repair the source of water as soon as possible. Insulation that has become wet should be inspected for evidence of residual moisture and contamination, and any contaminated product should be promptly removed and replaced.

Certifications and Sustainable Features

- 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 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.

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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.

Notes

Fiberglass products may cause temporary skin and mucous membrane itching due to the mechanical abrasion effects of fibers, a condition which is completely reversible. Owens Corning does not recommend the use of unfaced 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.

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Pub. No. 16040-P. Printed in U.S.A. August 2026.
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