



Thermafiber[®] INSUL-FILL[™]

Side Wall Spray Insulation



Description

Thermafiber[®] INSUL-FILL[™] Side Wall Spray Mineral Wool Insulation is a specially formulated insulation that can be combined with a separate water/latex adhesive solution at the point of insertion to provide

- 1) a method of attachment to framing members and the back side of the wall and
- 2) a fiber-to-fiber bond that when installed properly, eliminates settling and sag.

Thermafiber[®] INSUL-FILL[™] side wall spray insulation is a time and labor saving solution providing easy installation into walls and cavities. It is applied before drywall enclosure and takes advantage of the rapid and trouble free spray-in-place method that is a simple modification for the typical blowing process. It offers excellent R-value and sound absorption through walls.

Standards, Codes Compliance

ASTM E 136	Reted Non-Combustible per NFPA Standard 220
ASTM E 84	Flame Spread 0, Smoke Developed 5
ASTM C 665	Non-Corrosive
ASTM C 1104	Absorbs less than 1% by volume

Product Options

Thermal Performance 30lb bags (13.61 kg); palletized at 24 bags per pallet.

Technical Data

The contents of one 30 lb. bag installed in open wall areas using pneumatic equipment and a separate adhesive will provide insulation resistance (R) values at weights and coverages shown below.¹

R-Value* (at mean temperature at 75°F)	Minimum Thickness (inches)	Maximum Net Coverage	Weight per Square Foot	Bags per 1,000 Sq. Ft.
R-13.1	3½	25.7	1.17	38.9
R-13.5	3⅝	24.8	1.21	40.3
R-20.5	5½	16.4	1.83	61.1
R-21.0	5⅝	16.0	1.88	62.5
R-27.0	7¼	12.4	2.42	80.6
R-34.5	9¼	9.7	3.08	102.8
R-42.0	11¼	8.0	3.75	125.0

1. Above side wall spray insulation coverage information is based on an installed density of 4.0 lbs/cu. ft. Results may vary based on machine type, settings, and adhesive. Values are based on a known thermal conductivity at a specific installed density for a 30 lb. bag of material. Actual field conditions may affect performance.

* R-value is a measure of insulating ability. "R" means resistance to heat flow. The higher the "R" Value, the greater the insulation power. R-value varies by density.

Installation

Caulk all framing abutments, windows and door placements. Seal or fill any areas that cannot be adequately reached with the side wall spray insulation with acceptable firestopping material. Prepare adhesive mixture according to manufacturer's recommendations. Install Thermafiber[®] INSUL-FILL[™] side wall spray insulation into stud cavities open on one side using specified pneumatic equipment with an auxiliary pump, spray lines, and spray nozzles designed to uniformly add adhesive to the mineral wool. Begin installation at lower plate and apply to all corners of the cavity, then fill entire cavity spraying up and down until filled.

See Owens Corning publication "Thermafiber[®] INSUL-FILL[™] Insulation Attic Card and Manufacturers Fact Sheet" (Pub. No. 10021305) for insulation installation certification.

Thermafiber Insolutions[®]

Thermafiber Insolutions[®] offers industry leading technical and engineering assistance to architects, specifiers, and contractors. These services include CAD drawings, engineering judgments, LEED[®] Credit Information, and product recommendations. Contact our technical services department at 1-888-834-2371 or email ThermafiberInsolutions@owenscorning.com.

Features

- Energy saving thermal insulation
- Fire resistant
- Easy installation
- Minimum 70% recycled content²

**Savings vary. See Owens Corning publication "Thermafiber" INSUL-FILL" Insulation Attic Card and Manufacturers Fact Sheet" (Pub. No. 10021305) 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.

Submittal Approvals

Job Name _____
Contractor _____
Date _____



Made in the USA



Thermafiber® INSUL-FILL™ Side Wall Spray Mineral Wool Insulation is an energy efficient solution for insulating interior and exterior walls.

Certifications and Sustainable Features

- ²Granulated and loose fill mineral wool is part of an industry-wide EPD by NAIMA. For more information visit naima.org.



Thermafiber®

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