

EcoFill® Wx Blowing Wool Insulation

Fact Sheet



This is Glass Mineral Wool Blowing Wool Insulation. Read this before you buy.

What you should know about R-Values.

The chart shows the R-value of this insulation. "R" means resistance to heat flow. The higher the R-value, the greater the insulating power. Compare insulation R-values before you buy. There are other factors to consider. The amount of insulation you need depends mainly on the climate you live in. Also, your fuel savings from insulation will depend upon the climate, the type and size of your house, the amount of insulation already in your house, and your fuel use patterns

and family size. If you buy too much insulation, it will cost you more than what you'll save on fuel. To get the marked R-value, it is essential that this insulation be installed properly.

Sidewall Installation

EcoFill® Wx has been designed to be dense-packed to a density of 2.2 PCF in sidewalls of existing structures and should be installed by professionals.

Note

The chemical and physical properties of EcoFill Wx Blowing Wool Insulation represent average values determined in accordance with accepted test methods. The data is subject to normal manufacturing and testing variations. The data is supplied as a technical service and is subject to change without notice.

Check with your Knauf Insulation Territory Manager to ensure information is current.

| Open Attic Application | | | | | |
|------------------------------------|---|--|---|---|---|
| R-Value* | Minimum Bags/ 1,000 ft ² | Maximum Coverage/ Bag | Net Minimum Weight/ft ² | Initial Installed Thickness | Minimum Settled Thickness** |
| To obtain a thermal resistance of: | Number of bags per 1,000 ft ² of net area should not be less than: | Contents of this bag should not cover more than: | Weight per ft ² of installed insulation should not be less than: | Installed insulation should not be less than: | Installed insulation should not be less than: |
| R-11 | 5.3 | 188.4 ft ² | 0.152 lb | 4" | 4" |
| R-13 | 6.4 | 156.6 ft ² | 0.183 lb | 4¾" | 4¾" |
| R-19 | 9.4 | 106.6 ft ² | 0.268 lb | 6¾" | 6¾" |
| R-22 | 10.9 | 91.4 ft ² | 0.313 lb | 7¾" | 7¾" |
| R-26 | 13.2 | 75.9 ft ² | 0.377 lb | 9⅞" | 9⅞" |
| R-30 | 15.3 | 65.5 ft ² | 0.437 lb | 10¾" | 10¾" |
| R-38 | 19.9 | 50.2 ft ² | 0.569 lb | 13" | 13" |
| R-44 | 23.4 | 42.7 ft ² | 0.670 lb | 14⅞" | 14⅞" |
| R-49 | 26.3 | 38.0 ft ² | 0.753 lb | 16¾" | 16¾" |
| R-60 | 33.3 | 30.1 ft ² | 0.952 lb | 19¾" | 19¾" |

| Cavity Wall Application - Dense Pack | | | | | | |
|--------------------------------------|--------------|------------------------------------|------------------------|---|--|---|
| Framing | Cavity Depth | R-Value* | Density | Bags/ 1,000 ft ² | Maximum Coverage/Bag | Net Minimum Weight/ft ² |
| | | To obtain a thermal resistance of: | | Number of bags per 1,000 ft ² of net area should not be less than: | Contents of this bag should not cover more than: | Weight per ft ² of installed insulation should not be less than: |
| 2" x 4" | 3.50" | R-15 | 2.2 lb/ft ³ | 22.4 bags | 44.6 ft ² | 0.624 lb |
| 2" x 6" | 5.50" | R-23 | 2.2 lb/ft ³ | 35.3 bags | 28.4 ft ² | 1.008 lb |
| 2" x 8" | 7.25" | R-31 | 2.2 lb/ft ³ | 46.5 bags | 21.5 ft ² | 1.329 lb |
| 2" x 10" | 9.25" | R-39 | 2.2 lb/ft ³ | 59.3 bags | 16.9 ft ² | 1.696 lb |

Bag Net Weight - 28.6 lb, 27.6 lb minimum.

Coverage and installation data were determined using a Volu-Matic® II blowing machine in 3rd gear with a 13" gate opening, 2.0 psi air pressure and 150' of 3" diameter internally-corrugated hose. **"R" means resistance to heat flow. The higher the R-value, the greater the insulating power. To get the marked R-value it is essential that this insulation be installed properly. If you do it yourself, get instructions and follow them carefully. Instructions do not come with this package. **Based on a Third Party 2-year settling study, the predicted settlement over a 20-year period would be 1 percent or less. This amount of settling is thermally insignificant. Therefore, the installed and settled thickness is effectively the same. Volu-Matic® II is a registered trademark of Unisul.



UL Environment GREENGUARD Gold

Knauf Insulation achieved UL Environment GREENGUARD Gold Certification and is verified to be formaldehyde free.

UL Environment GREENGUARD Certification Program

Products are certified to UL Environment GREENGUARD standards for low chemical emissions into indoor air during product usage.

For more information, visit ul.com/spg.

LEED Eligible Product

Use of this product may help building projects meet green building standards as set by the Leadership in Energy and Environmental Design (LEED) Green Building Rating System.

MR Credit 4.1 - 4.2 Recycled Content
MR Credit 5.1 - 5.2 Regional Materials

This product has been tested and is certified to meet the EUCEB requirements.



This product is covered by one or more U.S. and/or other patents. See patent www.knaufinsulation.us/patents.