

# EcoFill® Wx Blowing Wool Insulation

## Attic and Cavity Wall Card



### EQUIPMENT REQUIRED

To achieve labeled R-value, this product must be applied with a pneumatic blowing machine and a corrugated hose with a minimum ¼" internal corrugation, a minimum length of 150'. Coils in the hose should not be less than 36" in diameter. Acceptable material feed rate is 5-35 lb./minute. The recommended feed rate is 15-35 lb./minute.

### THERMAL PERFORMANCE

The stated thermal performance of EcoFill Wx Loose Fill insulation requires installation in accordance with the manufacturer's instructions. Failure to install the material properly will impact the performance of this product. This product must be installed according to the coverage charts provided

### CERTIFICATIONS

- UL Environment
- GREENGUARD
- GREENGUARD Gold
- USGBC LEED
- EUCEB
- Energy Star

### Open Attic Application

R-Value*	Minimum Bags/ 1,000 ft <sup>2</sup>	Maximum Coverage/Bag	Net Minimum Weight/ft <sup>2</sup>	Initial Installed Thickness	Minimum Settled Thickness**
To obtain an insulation resistance of:	Number of bags per 1,000 ft <sup>2</sup> of net area should not be less than:	Contents of this bag should not cover more than:	Weight per ft <sup>2</sup> 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 <sup>2</sup>	0.152 lbs.	4"	4"
R-13	6.4	156.6 ft <sup>2</sup>	0.183 lbs.	4¾"	4¾"
R-19	9.4	106.6 ft <sup>2</sup>	0.268 lbs.	6¾"	6¾"
R-22	10.9	91.4 ft <sup>2</sup>	0.313 lbs.	7¾"	7¾"
R-26	13.2	75.9 ft <sup>2</sup>	0.377 lbs.	9½"	9½"
R-30	15.3	65.5 ft <sup>2</sup>	0.437 lbs.	10¾"	10¾"
R-38	19.9	50.2 ft <sup>2</sup>	0.569 lbs.	13"	13"
R-44	23.4	42.7 ft <sup>2</sup>	0.670 lbs.	14¾"	14¾"
R-49	26.3	38.0 ft <sup>2</sup>	0.753 lbs.	16¾"	16¾"
R-60	33.3	30.1 ft <sup>2</sup>	0.952 lbs.	19¾"	19¾"

### Cavity Wall Application - Dense Pack

Framing	Cavity Depth	R-Value*	Density	Bags/ 1,000 ft <sup>2</sup>	Maximum Coverage/Bag	Net Minimum Weight/ft <sup>2</sup>
		To obtain a thermal resistance of:		Number of bags per 1,000 ft <sup>2</sup> of net area should not be less than:		
2" x 4"	3.50"	R-15	2.2 lbs.s./ft <sup>3</sup>	22.4 bags	44.6 ft <sup>2</sup>	0.624 lbs.s.
2" x 6"	5.50"	R-23	2.2 lbs.s./ft <sup>3</sup>	35.3 bags	28.4 ft <sup>2</sup>	1.008 lbs.s.
2" x 8"	7.25"	R-31	2.2 lbs.s./ft <sup>3</sup>	46.5 bags	21.5 ft <sup>2</sup>	1.329 lbs.s.
2" x 10"	9.25"	R-39	2.2 lbs.s./ft <sup>3</sup>	59.3 bags	16.9 ft <sup>2</sup>	1.696 lbs.s.

Bag Net Weight - 28.6 lbs., 27.6 lbs. 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.

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### BUILDER'S INSULATION STATEMENT

EcoFill Wx has been installed in conformance with the included recommendations to provide a thermal resistance of:

	R-Value	Thickness	
Attic Area	R-	at	Inches
Sloped Ceilings	R-	at	Inches
Walls	R-	at	Inches
Floors (over an unheated crawl space)	R-	at	Inches
Crawl Space Perimeter	R-	at	Inches
Date Installed			
Address			
Blown insulation has been installed in conformance with the above recommendations to provide an R-value of : R-_____ using _____ bags of this insulation to cover _____ square feet of area at a minimum thickness of _____ inches.			
Insulation Contractor (signature)			
Company		Date	
Home Builder (signature)			
Company		Date	

This product is covered by one or more U.S. and/or other patents. See patent [www.knaufinsulation.us/patents](http://www.knaufinsulation.us/patents).

