

# Knauf EcoFill™ Wx Blowing Insulation

## Fact Sheet



### This is Fiber Glass Blowing 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 Blow-in-Blanket System 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 Fiber Glass Blowing 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 sales representative to ensure information is current.

Open Attic Application					
R-Value*	Bags/1,000 SF	Maximum Coverage	Minimum Weight	Initial Installed Thickness	Minimum Settled Thickness**
To obtain an insulation resistance (R-value) of:	The number of bags/1,000 SF of net area should not be less than:	Contents of this bags should not cover more than:	The weight/SF of installed insulation should not be less than:	Installed insulation should not be less than:	Installed insulation should not be less than:
R-60	33.2	30.1 SF	.995 lbs.	20.000"	20.000"
R-49	26.4	37.9 SF	.791 lbs.	16.625"	16.625"
R-44	23.3	43.0 SF	.698 lbs.	15.000"	15.000"
R-38	19.8	50.5 SF	.595 lbs.	13.125"	13.125"
R-30	15.3	65.5 SF	.458 lbs.	10.500"	10.500"
R-26	13.2	75.8 SF	.396 lbs.	9.250"	9.250"
R-22	11.0	91.0 SF	.330 lbs.	7.875"	7.875"
R-19	9.4	105.8 SF	.283 lbs.	6.875"	6.875"
R-13	6.3	158.5 SF	.189 lbs.	4.750"	4.750"
R-11	5.2	190.5 SF	.157 lbs.	4.000"	4.000"

Bag Net Weight - Nominal 30 lbs., Minimum 29 lbs.  
Coverage and installation data were determined using a Volu-Matic® II blowing machine in 3rd gear with 13" gate opening, 2.0 psi air pressure, 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 thicknesses are effectively the same.  
Volu-Matic® II is a registered trademark of Unisul.

Cavity Wall Applications						
Framing (in inches)	Cavity Depth (in inches)	R-Value* To obtain an insulation resistance of:	Density (cu. ft.)	Bags Per 1000 SF The number of bags per 1000 square feet of net area should not be less than:	Maximum Coverage Per Bag Contents of this bag should not cover more than:	Net Minimum Weight per SF The weight per square feet of installed insulation should not be less than:
2 x 4	3.50	R-15	2.2 lbs.	21.4 bags	46.8 sq. ft.	0.64 lbs.
2 x 6	5.50	R-23	2.2 lbs.	33.6 bags	29.8 sq. ft.	1.01 lbs.
2 x 8	7.25	R-31	2.2 lbs.	44.3 bags	22.6 sq. ft.	1.33 lbs.
2 x 10	9.25	R-39	2.2 lbs.	56.6 bags	17.7 sq. ft.	1.70 lbs.



Knauf EcoFill™ Wx Blowing Insulation is certified for indoor air quality as a low emitting product by The GREENGUARD Environmental Institute™ to both the GREENGUARD Certification Program™ and the more stringent GREENGUARD For Children and Schools™ standard. [www.greenguard.org](http://www.greenguard.org)