

Knauf Jet Stream® Blowing Insulation



Attic Card

Bridge / 19403 Clearing Unit

Batts and Blankets

When installed in accordance with the manufacturer's recommendations, Knauf batts and blankets will provide the full R-value.

To obtain an insulation resistance (R-Value) of:	Minimum Thickness
R-38HD	10.25"
R-38	12.00"
R-30HD	8.25"
R-30	10.00"
R-26	9.00"
R-22	6.50"
R-21HD	5.50"
R-19	6.25"
R-15HD	3.50"
R-13	3.50"
R-11	3.50"
R-8	2.50"

*R-18 in a 5.7" cavity. Conforms to ASTM C 665 and Federal Specification HH-1321F

Framing Adjustment

To compensate for framing members, the number of bags per 1,000 sq. ft. of area to be insulated should be as shown below.

R-Value	List Dimensions	Bags/MSF 16" O.C. Framing	Bags/MSF 24" O.C. Framing
R-60	2x4	31.2	31.3
	2x6	30.8	31.1
	2x8	30.5	30.8
R-49	2x4	24.8	24.9
	2x6	24.4	24.7
	2x8	24.1	24.5
R-44	2x4	21.5	21.7
	2x6	21.2	21.5
	2x8	20.9	21.2
R-38	2x4	18.4	18.6
	2x6	18.1	18.4
	2x8	17.8	18.2
R-30	2x4	13.8	14.0
	2x6	13.5	13.8
	2x8	13.3	13.6
R-26	2x4	11.9	12.0
	2x6	11.6	11.8
	2x8	11.3	11.6
R-22	2x4	9.9	10.1
	2x6	9.7	9.9
	2x8	9.4	9.7
R-19	2x4	8.5	8.6
	2x6	8.2	8.4
	2x8	7.9	8.2
R-13	2x4	5.6	5.8
	2x6	5.4	5.6
	2x8	5.1	5.4
R-11	2x4	4.6	4.7
	2x6	4.3	4.5
	2x8	4.1	4.3

Equipment Required

To achieve labeled R-value, this product must be applied with a pneumatic blowing machine and a corrugated hose with a minimum .25" internal corrugation, a minimum length of 150 ft. and a diameter of at least 3". Coils in the hose should not be less than 36" in diameter. Acceptable material feed rate is 5-35 lbs./minute. Recommended feed rate is 15-25 lbs./minute.

Thermal Performance (Attic Application)

The stated thermal resistance (R-value) is provided by installing in accordance with the manufacturer's instructions, the required number of bags per 1,000 sq. ft. of net area, at not less than the labeled minimum thickness. Failure to install both the required number of bags and at least the minimum thickness will result in lower insulation R-value.

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 bag 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	31.7	31.5 SF	952 lbs.	19.75"	19.75"
R-49	25.3	39.5 SF	760 lbs.	16.50"	16.50"
R-44	22.1	45.3 SF	663 lbs.	14.75"	14.75"
R-38	19.0	52.7 SF	569 lbs.	13.00"	13.00"
R-30	14.4	69.7 SF	431 lbs.	10.25"	10.25"
R-26	12.4	80.9 SF	371 lbs.	9.00"	9.00"
R-22	10.4	95.8 SF	313 lbs.	7.75"	7.75"
R-19	8.9	111.8 SF	268 lbs.	6.75"	6.75"
R-13	6.1	164.3 SF	183 lbs.	4.75"	4.75"
R-11	5.1	197.6 SF	152 lbs.	4.00"	4.00"

Bag Net Weight—Nominal 30 lbs., Minimum 29 lbs.
Coverage and installation data were determined using a Volu-Matic® II blowing machine in third gear with 12" gate opening, 100 psi air pressure and 1/50" of 3" internally-corrugated hose.
This product conforms to the performance requirements of ASTM C 764, Type I, and cancelled Federal Specification HH-11030B, Type I, Class B. R-values are determined in accordance with C 687 and C 518.
* "I" means resistance to heat flow. The higher the R-value, the greater the insulating power. To get the labeled 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 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.

Builder's Insulation Statement

Batts and/or blankets have been installed in conformance with the above 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 10-15-07
Blown insulation has been installed in conformance with the above recommendations to provide an R-value of: R- 30 using 10 bags of this insulation to cover _____ square feet of area at a minimum thickness of _____ inches.
Insulation installed by William's Insulation
Company 7951 FAIRVIEW Date _____
Home Building HOUSTON, TX 77041
Company _____ Date _____

The coverage information on this attic card applies to the entire United States (including Minnesota).