Knauf Insulation Blowing 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.

NOTES

The chemical and physical properties of Knauf Insulation 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 Territory Manager to ensure information is current.

Open Attic Application

Thermal Resistance		Minimum Thickness		Minimum Weight/Unit Area		Maximum Coverage/Bag		Bags/Unit Area	
To obtain an insulation resistance (R-Value) of:		Installed insulation should not be less than:		Weight per square foot of installed insulation should not be less than:		Contents of this bag should not cover more than:		Number of bags per 1,000 ft² of net area should not be less than:	
R-Value	RSI	inches	mm	lb/ft²	kg/m²	ft²	m²	1,000 ft²	100 m²
8	1.4	3.0	76	0.13	0.65	201.4	18.71	5.0	5.3
12	2.1	4.5	114	0.20	0.98	134.3	12.47	7.4	8.0
13	2.3	4.9	124	0.22	1.08	122.6	11.39	8.2	8.8
16	2.8	6.0	151	0.27	1.31	100.7	9.35	9.9	10.7
19	3.3	7.0	178	0.32	1.54	85.4	7.94	11.7	12.6
20	3.5	7.4	189	0.34	1.64	80.6	7.48	12.4	13.4
22	3.8	8.1	205	0.36	1.78	74.2	6.89	13.5	14.5
24	4.2	8.9	227	0.40	1.96	67.1	6.24	14.9	16.0
28	4.9	10.4	265	0.47	2.29	57.5	5.35	17.4	18.7
30	5.3	11.3	286	0.51	2.48	53.2	4.94	18.8	20.2
32	5.6	11.9	303	0.54	2.62	50.3	4.68	19.9	21.4
34	6.0	12.8	324	0.57	2.81	47.0	4.37	21.3	22.9
36	6.3	13.4	341	0.60	2.95	44.8	4.16	22.3	24.1
38	6.7	14.3	362	0.64	3.13	42.1	3.91	23.8	25.6
40	7.0	14.9	378	0.67	3.27	40.3	3.74	24.8	26.7
44	7.7	16.4	416	0.74	3.60	36.6	3.40	27.3	29.4
48	8.4	17.9	454	0.80	3.93	33.6	3.12	29.8	32.1
49	8.6	18.3	465	0.82	4.02	32.8	3.05	30.5	32.8
50	8.8	18.7	476	0.84	4.12	32.0	2.98	31.2	33.6
52	9.1	19.4	492	0.87	4.26	31.0	2.88	32.3	34.7
56	9.8	20.9	530	0.94	4.58	28.8	2.67	34.8	37.4
60	10.5	22.3	568	1.01	4.91	26.9	2.49	37.2	40.1

Bag weight 27 lbs. (12.25 kg) | Design density 0.54 lb/ft³ (8.65 kg/m³) | Design thermal resistance 2.67 R/in (18.5 RSI/m)

To obtain thermal resistance values shown on this chart, the applicator must install the correct number of bags to meet both the minimum thickness and minimum mass per unit area listed.

*"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.

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