

InsulSafe® SP Fiber Glass Blowing Insulation

Homeowner Name / Jobsite Name

Homeowner Address / Jobsite Address

ATTIC R-VALUE EVALUATION

ORIGINAL PRODUCT AND NUMBER OF INCHES (If applicable)
ESTIMATED R-VALUE (Please refer to <i>Attic Existing Materials Estimate Table</i> on the right)
R-VALUE ADDED
ESTIMATED TOTAL R-VALUE

ATTIC EXISTING MATERIALS ESTIMATE TABLE*

INSULATION MATERIALS	R-VALUE PER INCH
Fiber Glass Batt	3.14 to 4.30
Fiber Glass Blown	2.20 to 4.30
Rock Wool Batt	3.14 to 4.00
Rock Wool Blown	3.10 to 4.00
Cellulose** Blown	3.13
Vermiculite	2.13

*Source: www.ColoradoEnergy.org

**CertainTeed recommends removing cellulose when upgrading.

INSULSAFE® SP ADDED

	R-VALUE	THICKNESS	NET AREA (SQ. FT.)	NUMBER OF BAGS USED
ATTICS				
WALLS				

Installer / Contractor (sign)

Company Name

Date

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.

OPEN ATTIC APPLICATION

The following thermal performance values are achieved at the thicknesses, weights and coverages specified when insulation is installed with pneumatic equipment in a horizontal open blow application.

R-VALUE	NO. BAGS PER 1,000 SQ. FT. NET AREA	MAXIMUM NET COVERAGE	MINIMUM WEIGHT	INITIAL INSTALLED THICKNESS*	MINIMUM SETTLED THICKNESS
To obtain thermal resistance (R) of:	Number of bags	Contents of bag should not cover more than: (sq. ft.)	Weight per sq. ft. of installed insulation should not be less than: (lbs./sq. ft.)	Installed insulation should not be less than: (inches)	Installed insulation should not be less than: (inches)
60	28.9	34.5	0.897	21.75	21.75
49	23.5	42.6	0.727	18.25	18.25
44	20.8	48.0	0.646	16.50	16.50
38	17.9	55.7	0.556	14.50	14.50
30	13.8	72.5	0.427	11.50	11.50
26	11.8	84.8	0.366	10.00	10.00
22	9.9	101.4	0.306	8.50	8.50
19	8.6	116.2	0.267	7.50	7.50
13	5.9	170.4	0.182	5.25	5.25
11	5.0	200.5	0.155	4.50	4.50

For Minnesota installations, refer to our InsulSafe SP Minnesota Builders Statement (publication 30-24-303).

*Initial installed thickness testing per ASTM C1374 using Unisul VoluMatic III; 3rd gear; 12-inch gate opening; 150-ft. x 3-inch diameter internally corrugated blowing hose, 2.0 psi., 10-14 foot arc length.

THERMAL PERFORMANCE—ATTIC BLOWING APPLICATION

- In accordance with the above chart, you must install the minimum number of bags per 1,000 sq. ft. of net area for each R-value listed.
- The maximum net coverage must not exceed that specified for each R-value.
- The insulation must be installed at or above the specified installed thickness for each R-value.
- Failure to install the required minimum weight per sq. ft. of insulation at or above the initial installed thickness will result in reduced R-value.
- This product should not be mixed with other blown insulations or the thermal claims will become invalid.

DANGER: RECESSED LIGHT FIXTURES—TO PREVENT OVERHEATING, DO NOT INSULATE ON TOP OR WITHIN 3" OF SUCH DEVICES. THIS WARNING DOES NOT APPLY TO TYPE IC LIGHT FIXTURES OR TO FLUORESCENT FIXTURES WITH THERMALLY PROTECTED BALLASTS.

CLOSED CAVITY (WALLS, FLOORS, CEILINGS) RETROFIT APPLICATIONS

The following thermal performance values are achieved at the thicknesses, weights and coverages specified when insulation is installed with pneumatic equipment in closed wall, floor and ceiling cavities.

CAVITY FRAMING INSTALLED THICKNESS	INSTALLED R-VALUE	INSTALLED DESIGN DENSITY	MAXIMUM COVERAGE PER PACKAGE	MINIMUM PACKAGES PER AREA	BAG WEIGHT 31 LBS MINIMUM WEIGHT PER UNIT AREA
In.	(hr-ft ² ·°f)/btu	lbs/ft ³	net ft ²	#/1,000 ft ²	lbs./ft ²
3 1/2" (2x4)	14	1.2	88.6	11.3	0.350
3 1/2" (2x4)	15	1.6	66.4	15.1	0.467
5 1/2" (2x6)	22	1.2	56.4	17.7	0.550
5 1/2" (2x6)	24	1.8	37.6	26.6	0.825
7 1/4" (2x8)	29	1.2	42.8	23.4	0.725
7 1/4" (2x8)	31	1.6	32.1	31.2	0.967



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