



Insulation Certificate

This form must be filled out and posted to comply with building code requirements.
Meets IRC Sections N1101.3, N1101.41, and N1101.8 requirements.

The following spray polyurethane foam product(s) has/have been installed:

- Bayseal™ OC Open-Cell Spray Foam Insulation
- Bayseal™ CC X Closed-Cell Spray Foam Insulation
- Bayseal™ CC XP Closed-Cell Spray Foam Insulation

Consult International Building Code, Chapter 26-Plastic and International Residential Code (IRC) R314 Foam Plastics for specific requirements. The spray polyurethane foam insulation system(s) has/have been installed in accordance with manufacturer's processing guidelines to provide a thermal resistance of:

Area Insulated	Aged R-Value		Thickness*
Attic Area	R-	At	inches
Sloped Ceilings	R-	At	inches
Walls (Location): Exterior 2x6	R- 19	At 2.5	inches
Walls (Location):	R-	At	inches
Floors (over an unheated crawl space)	R-	At	inches
Crawl Space Perimeter	R-	At	inches
Basement Exterior Walls	R-	At	inches
Other (Location): Roof Ceiling	R- 42	At 8.5	inches

*Nominal thicknesses are representative of field, spray-applied foam material

Jobsite Address: 200 Sundance Court Steamboat Springs, CO
Date of Insulation: 9/10/25
Building Contractor: PJH Companies, Inc
Insulation Contractor: CDA Drywall & Insulation, LLC
Insulation Contractor Phone: 719-499-6220
Installed By: Saul Castorena

INSULATION CERTIFICATE -DO NOT REMOVE
-Please Post Near Electrical Panel

2400 Spring Stuebner Rd
Spring, TX
1.800.221.3626
Tel 281.350.9000
Fax 281.288.6450
www.polyurethane.covestro.com

Jet Stream® Ultra Blowing Wool Insulation

Attic and Cavity Wall Card

KNAUF INSULATION
it's time to save energy

200 Sundance Court Steamboat Springs, CO

Batts and Blankets

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

R-Value*	Minimum Thickness
To obtain an insulation resistance (R-Value) of:	Installed insulation should not be less than:
R-49	13.75"
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-19 in a 5.9" cavity. Conforms to ASTM C 665 and Federal Specification HH-521F.

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	Joist Dimensions	Bags/MSF 16" O.C. Framing	Bags/MSF 24" O.C. Framing
R-60	2x4	29.2	29.4
	2x6	28.9	29.1
	2x8	28.8	28.9
R-49	2x4	23.0	23.2
	2x6	22.7	22.9
	2x8	22.4	22.7
R-44	2x4	20.4	20.6
	2x6	20.1	20.3
	2x8	19.8	20.1
R-38	2x4	17.3	17.4
	2x6	17.0	17.2
	2x8	16.7	17.0
R-30	2x4	13.2	13.3
	2x6	12.9	13.1
	2x8	12.6	12.9
R-26	2x4	11.3	11.4
	2x6	11.0	11.2
	2x8	10.8	11.0
R-22	2x4	9.3	9.5
	2x6	9.1	9.3
	2x8	8.8	9.1
R-19	2x4	7.9	8.1
	2x6	7.7	7.9
	2x8	7.4	7.7
R-13	2x4	5.3	5.4
	2x6	5.0	5.2
	2x8	4.8	5.0
R-11	2x4	4.3	4.4
	2x6	4.1	4.3
	2x8	3.8	4.1

Equipment Required

It is recommended that a pneumatic blowing machine and a corrugated hose with a minimum 1/2" internal diameter, a minimum length of 150'. 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 (Sidewall and Attic Application)

The stated thermal resistance (R-value) is provided by installing in accordance with the manufacturer's instructions. Failure to install the required number of bags per 1,000 square feet and exceeding the maximum square feet of coverage per bag as recommended by the label will result in lower installed R-values. Field blending of this product with other loose fill insulations is not recommended by the manufacturer.

Cavity Wall Bag Net Weight—Nominal 32 lbs., Minimum 31 lbs.

Framing	Cavity Depth	R-Value* To obtain an insulation resistance of:	Density	Bags per 1000 SF The number of bags per 1,000 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	1.8 lbs./cu. ft.	16.4 bags	61.0 sq. ft.	0.525 lbs.
2"x 6"	5.50"	R-23	1.8 lbs./cu. ft.	25.8 bags	38.8 sq. ft.	0.825 lbs.
2"x 8"	7.25"	R-31	1.8 lbs./cu. ft.	34.0 bags	29.4 sq. ft.	1.088 lbs.
2"x 10"	9.25"	R-39	1.8 lbs./cu. ft.	43.4 bags	23.1 sq. ft.	1.388 lbs.

*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 the insulation be installed properly.

Open Attic Application Bag Net Weight—Nominal 32 lbs., Minimum 31 lbs.

R-Value* To obtain an insulation resistance (R-Value) of:	Bags/ 1,000 SF The number of bags/ 1,000 SF of net area should not be less than:	Maximum Coverage Contents of this bag should not cover more than:	Minimum Weight The weight/SF of installed insulation should not be less than:	Initial Installed Thickness Installed insulation should not be less than:	Minimum Settled Thickness** Contents of this bag should not cover more than:
R-60	29.7	33.6 SF	.952 lbs.	19.750"	19.750"
R-49	23.5	42.5 SF	.753 lbs.	16.375"	16.375"
R-44	20.9	47.8 SF	.670 lbs.	14.875"	14.875"
R-38	17.8	56.2 SF	.569 lbs.	13.000"	13.000"
R-30	13.6	73.3 SF	.437 lbs.	10.375"	10.375"
R-26	11.8	85.0 SF	.377 lbs.	9.125"	9.125"
R-22	9.8	102.2 SF	.313 lbs.	7.750"	7.750"
R-19	8.4	119.3 SF	.268 lbs.	6.750"	6.750"
R-13	5.7	175.3 SF	.183 lbs.	4.750"	4.750"
R-11	4.7	210.8 SF	.152 lbs.	4.000"	4.000"

Bag Net Weight—Nominal 32 lbs., Minimum 31 lbs.

Coverage and installation data were determined using a Volo-Matic® blowing machine in third gear with 12" girth opening, 2.0 psi air pressure and 150' of 3/4" internally-corrugated hose.

This product conforms to the performance requirements of ASTM C 704, Type I, and circular Federal Specification HH-19326, Type I, Class B. R-values are determined in accordance with C 667 and C 614.

**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 the 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 3-year settling study, the predicted settlement over a 30-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.

Volo-Matic® is a registered trademark of United.

Builder's Insulation Statement

Jet Stream Ultra 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 <i>Exterior</i>	R-13 at 3.5	Inches
Floors (over an unheated crawl space)	R-_____ at _____	Inches
Crawl Space Perimeter	R-_____ at _____	Inches
Date Installed	9/11/25	
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)	<i>[Signature]</i>	
Company	_____	
Home Builder (Signature)	<i>[Signature]</i>	
Company	_____	
Date	9/11/25	

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

Knauf Insulation, Inc. One Knauf Drive, Shelbyville, IN 46176 Tel: (800) 825-4434 ext. 8300 FAX: (317) 398-3675

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UL Environment GREENGUARD Gold®
Knauf Insulation building insulation selected UL Environment GREENGUARD Gold and is UL Environment certified to be formaldehyde free.

UL Environment GREENGUARD Certification Program™
Products are certified to UL Environment GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit ul.com/gg.