

INSULATION CARD - DO NOT REMOVE



The Chemical Company

This form must be filled out and posted to comply with building code and FTC requirements. Meets IRC Section N1101.4 requirements. Please post near electrical panel.

PLEASE ATTACH PRODUCT TECHNICAL DATA SHEET BEFORE POSTING

The following spray polyurethane foam insulation system(s) has been installed. Consult International Building Code, Section 2603 Foam Plastic Insulation, International Residential Code (IRC) R314 Foam Plastics, or International Energy Conservation Code (IECC) Section 102 for specific requirements.

BASF Corporation Product(s) Installed:

- Enerlite Nominal 0.5 pcf Density (Open-cell Spray Polyurethane Foam)
- Spraytite 178 Series 2.0 pcf Density (Closed-cell Spray Polyurethane Foam)
- Spraytite 158 Series 2.0 pcf Density (Closed-cell Spray Polyurethane Foam)

This spray polyurethane foam insulation system has been installed in accordance with manufacturer's processing guidelines to provide a thermal resistance of...(see R-value chart on reverse)

Area Insulated	R-Value	Thickness*
Attic Area	R- @	inches
Sloped Ceilings	R- @	inches
Walls (Where:)	R- @	inches
Walls (Where:)	R- @	inches
Floors (over an unheated crawl space)	R- @	inches
Crawl Space Perimeter	R- @	inches
Basement Interior Walls	R- @	inches
Other (Where:)	R- @	inches

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

List the code-required fire protection product(s) installed (List alternative materials or assemblies approved by 3rd party or ICC-ESR):

15-minute Thermal Barrier: To Be Covered with 1/2" Gypsum OR _____

Limited Access (No Storage) Ignition Barrier: _____

Jobsite Location: _____ Date Installed: _____

Building Contractor: _____

Insulation Contractor: _____ Phone: _____

Installed By: _____

Caution— No Hot Work - Polyurethane foam is combustible and should be treated as such. No welding or cutting unless foam has been protected from accidental ignition by open flame.

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Installed R-value Charts

Enertite NM 1/2# Open-cell		
OC SPF (inch)	Total R-value*	U-factor**
3"	11	0.091
3.5"	13	0.077
4"	15	0.066
5"	19	0.053
5.5"	21	0.048
6"	22	0.045
7.5"	28	0.036
8"	30	0.033
9.5"	35	0.029
10"	37	0.027
11.5"	43	0.023
12"	45	0.022
13"	48	0.021
14"	52	0.019
15"	55.5	0.018
16"	59	0.017

Spraytite 178 Series Closed-cell		
CC SPF (inch)	Total R-value*	U-factor**
1"	6.7	0.149
1.5"	10	0.100
2"	13.4	0.075
2.5"	16.8	0.056
3"	20.1	0.050
3.5"	24.2	0.041
4"	27.6	0.036
4.5"	31.1	0.032
5"	34.5	0.029
5.5"	38	0.026
6"	41.4	0.024
7"	48.3	0.021
8"	55.2	0.018
9"	62.1	0.016
10"	69.1	0.014
11"	76	0.013

Spraytite 158 Series Closed-cell		
CC SPF (inch)	Total R-value*	U-factor**
1"	6.6	0.152
1.5"	9.9	0.101
2"	13	0.077
2.5"	16.3	0.061
3"	20	0.050
3.5"	24	0.042
4"	27	0.037
4.5"	30.4	0.033
5"	34	0.029
5.5"	37.4	0.027
6"	41	0.024
7"	48	0.021
8"	54	0.019
9"	60.8	0.016
10"	68	0.015
11"	75	0.013

*What You Should Know About R-values

These 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.

**U-factor is the inverse of R-value as represented in BTU / (h °F ft²). The lower the number, the better the performance of the material or assembly. Using U-factor requires SPF is used within an Opaque Assembly. If used in a rafter assembly in a sealed attic approach, the SPF must be wrapped around all framing to ensure continuity.

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