



We create chemistry

This form must be filled out and posted to comply with building code and FTC requirements. Meets IRC Building Planning – Foam Plastics 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:

ENERTITE Series Low-Density, Open-cell Spray Polyurethane Foams: G Max X
WALLTITE Series Medium-Density, Closed-cell HFO-blown Spray Foams: Max LWP Plus

This spray polyurethane foam insulation system has been installed in accordance with manufacturer’s processing guidelines. to provide a thermal resistance of (Verifiable on ICC ESR-3102 or Intertek CCRR-1032 (ocSPF) and ICC ESR-2642, Intertek CCRR-0374 (ccSPF)).

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

- 15-minute Thermal Barrier: To Be Covered with 1/2" Gypsum OR _____
- Limited Access (No Storage) Ignition Barrier: _____ Appendix X Approved with no Coating
- Open-cell unvented attic assembly (Refer to Intertek CCRR-1032 sections 4.4.2, 4.4.2.2, 5.6, 5.6.1, 5.6.2)

Jobsite Location: _____

Date Installed: _____

Phone: _____

Building Contractor: _____

Insulation Contractor: _____

Phone: _____

Installed By: _____

INSULATION CARD - DO NOT REMOVE



We create chemistry

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.

Installed R-value / U-factor** Charts

Verifiable on ICC ESR-3102 or Intertek CCRR-1032 (ocSPF) and ICC ESR-2642, Intertek CCRR-0374 (ccSPF)

Enerlite G 1/2# Open-cell			Enerlite X 1/2# Open-cell		
Enerlite Max 1/2# Open-cell			Enerlite X 1/2# Open-cell		
OC SPF (inch)	Total R-value*	U-factor**	OC SPF (inch)	Total R-value*	U-factor**
3"	12	0.085	3"	11	0.095
3.5"	14	0.073	3.5"	13	0.079
4"	15	0.068	4"	14	0.070
5"	19	0.054	5"	18	0.056
5.5"	20	0.049	5.5"	20	0.049
6"	22	0.045	6"	21	0.047
7.5"	28	0.036	7.5"	27	0.037
8"	30	0.034	8"	29	0.035
9.5"	35	0.028	9.5"	34	0.029
10"	37	0.027	10"	36	0.028
11.5"	43	0.024	11.5"	41	0.024
12"	44	0.023	12"	43	0.023
13"	48	0.021	13"	47	0.021
14"	52	0.019	14"	50	0.020
15"	56	0.018	15"	54	0.019
16"	59	0.017	16"	57	0.017

Walltite LWP Closed-cell (HFO)			Walltite Max Closed-cell (HFO)		
CC SPF (inch)	Total R-value*	U-factor**	CC SPF (inch)	Total R-value*	U-factor**
1"	7	0.145	1"	7.4	0.135
1.5"	10	0.097	2"	14	0.072
2"	14	0.072	2.5"	17	0.058
2.5"	17	0.058	3"	21	0.048
3"	21	0.048	3.5"	25	0.040
3.5"	7	0.141	4"	28	0.036
4"	28	0.035	5"	35	0.029
4.5"	32	0.031	6"	42	0.024
5"	36	0.028	7"	50	0.020
5.5"	39	0.026	8"	57	0.018
6"	43	0.023	9"	64	0.016
7"	50	0.020	10"	71	0.014
8"	57	0.018	11"	78	0.013
9"	64	0.016	12"	85	0.012
10"	71	0.014			
11"	78	0.013			

What You Should Know About R-values

*These charts show 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.

Other Properties

Closed-Cell	WALLTITE Max (HFO)	WALLTITE LWP (HFO)	WALLTITE Plus (HFO)
Air Leakage (ASTM E2178)	Meets <0.02 @ 1.0" thickness	Meets <0.02 @ 1.0" thickness	Meets <0.02 @ 1.0" thickness
Flame Spread (ASTM E84)	Class I (FS≤25, SD≤450)	Class I (FS≤25, SD≤450)	Class I (FS≤25, SD≤450)
Density (ASTM D1622)	1.8 – 2.0 pcf	2.20-2.40 pcf	2.2 – 2.4 pcf
Permeance (ASTM E96)	1.09 Perms	1.28 Perms	1.09 Perms
	<1 perm at 1.25" thickness	<1.0 Perms @ 1.50" thickness	<1.0 @ 1.25" thickness

Open-Cell	ENERTITE G Open cell	ENERTITE Max Open-cell	ENERTITE X Open-cell
Air Leakage (ASTM E2178)	Meets <0.02 @ 3.50" thickness	Meets <0.02 @ 3.5" thickness	Meets <0.02 @ 3.5" thickness
Flame Spread (ASTM E84)	Class I (FS≤25, SD≤450)	Class I (FS≤25, SD≤450)	Class I (FS≤25, SD≤450)
Density (ASTM D1622)	0.5 pcf	0.42 pcf	0.5 -0.6 pcf
Permeance (ASTM E96)	59 perms	59 Perms	71.1 Perms
	9.8 Perms @ 6"	<10 perms @ 6"	<10.0 perms @ 7.25" thickness

INSULATION CARD - DO NOT REMOVE

BASF Corporation
1703 Crosspoint Avenue
Houston, TX 77054
Tel: 800-706-0712 x2
www.spf.basf.com

June 25, 2024