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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 Nominal 0.5 pcf Density (Open-cell Spray Polyurethane Foam) ☐ G ☑ Max

Spraytite Series 2.0 pcf Density (Closed-cell SPF, **HFC** blown) ☐ 158 ☐178 ☐ SP

Spraytite Series 2.0 pcf Density (Closed-cell SPF, **HFO** blown) ☐ Comfort ☐ Comfort Plus ☐ Comfort XL ☐ LWP-L

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 Page 2).

Area Insulated	R-Value		Thickness*	
Attic Area	R–	@	5.5	inches
Sloped Ceilings	R–	@		inches
Walls - Location: (Gables)	R–	@	3.5	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.

Jobsite Location: 552 N. Orange Str., Coates Date Installed: 6/29/23

Building Contractor: Pleasant Builders

Insulation Contractor: Live Green Inc. Phone: 919-453-6411

Installed By: Carlos Castenda

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 / U-factor Charts

(Verifiable on ICC ESR 3102 or Intertek CCRR 1032 (ocSPF) / ICC ESR 2642, Intertek CCRR 1031, or CCRR-0374 (ccSPF)

Enertite G 1/2# Open-cell Enertite Max 1/2# Open-cell		
OC SPF (inch)	Total R-value*	U-factor**
3"	11	0.091
3.5"	13	0.077
4"	15	0.068
5"	19	0.054
5.5"	21	0.048
6"	22	0.045
7.5"	28	0.036
8"	30	0.034
9.5"	35	0.028
10"	37	0.027
11.5"	43	0.024
12"	45	0.022
13"	48	0.021
14"	52	0.019
15"	56	0.018
16"	59	0.017

Spraytite 158 & SP Series Closed-cell (HFC)		
CC SPF (inch)	Total R-value*	U-factor**
1"	6.6	0.152
2"	13	0.076
3"	20	0.051
3.5"	24	0.042
4"	27	0.037
5"	34	0.029
6"	41	0.025
7"	48	0.021
8"	54	0.018
10"	68	0.015
11"	75	0.013
12"	82	0.012

Spraytite 178 & 81206 Series Closed-cell (HFC)		
CC SPF (inch)	Total R-value*	U-factor**
1"	6.7	0.149
2"	13	0.075
3"	20	0.050
3.5"	24	0.042
4"	28	0.036
5"	34	0.029
6"	41	0.024
7"	48	0.021
8"	55	0.018
10"	69	0.014
11"	76	0.013
12"	83	0.012

Spraytite Comfort, Comfort Plus, Comfort XL, & LWP-L Series Closed-cell (HFO)		
CC SPF (inch)	Total R-value*	U-factor**
1"	6.9	0.145
2"	14	0.071
3"	21	0.048
3.5"	24	0.042
4"	28	0.036
5"	34	0.029
6"	41	0.025
7"	48	0.021
8"	55	0.018
10"	69	0.014
11"	76	0.013
12"	83	0.012

Other properties:

Enertite G 1/2# Open-cell Enertite Max 1/2# Open-cell
N/A
<0.02 L/s-m² @ 3.50 inch
Class I (FS≤25, SD≤450)
ET G 0.50 pcf nominal ET Max 0.42 pcf nominal
16.9 perm @ 3.50 inch

	Spraytite 158 & SP Series Closed-cell (HFC)
Air Leakage (ASTM E2178)	ST 158 <0.050 L/s*m² @ 1.0 inch ST SP <0.002 L/s*m² @ 1.0 inch
Air Leakage (ASTM E283)	N/A
Flame Spread (ASTM E84)	Class I (FS≤25, SD≤450)
Density (ASTM D1622)	2.00 - 2.30 pcf
Permeance (ASTM E96)	1.09 perm @ 1.0" thickness Meets <1 perm at 1.25" thickness

Spraytite 178 & 81206 Series Closed-cell (HFC)
N/A
<0.005 L/s*m² @ 1.0 inch
Class I (FS≤25, SD≤450)
2.00 - 2.30 pcf
1.39 perm @ 1" thickness Meets <1 perm at 1.50" thickness

Spraytite Comfort, Comfort Plus, Comfort XL, & LWP-L Series Closed-cell (HFO)
Meets <0.02 L/s*m² @ 1.0 inch
N/A
Class I (FS≤25, SD≤450)
ST Comfort & LWP-L 2.20 - 2.40 pcf ST Comfort Plus 2.10 - 2.30 pcf ST Comfort XL 2.10 - 2.40 pcf
1.09 perm @ 1.0" thickness Meets <1 perm at 1.25" thickness

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.

ISO 9001:2015 Accredited Facility - Houston, TX

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