Features

- Low VOC[1]
- Low GWP Blowing Agent
- R-Value (> 7.0 per inch)
- Air Seal
- FEMA Class 5 Flood Resistance[2]

1 www.ul.com/gg
2 https://www.fema.gov/sites/default/files/2020-07/fema_tb_2_rev1.pdf

Standards, Codes Compliance

- Meets ICC-ES AC377 Type I-IV and V-B
- Code Evaluation Report IAPMO ER-800
- UL GREENGUARD GOLD
- Compliant with State HFC Regulations

Applications

- Wall Cavities
- Vented Attics
- Unvented Attics
- Ceilings
- Unvented Crawl Spaces
- Vented Crawl Spaces
- Rim Joists
- Floors

Packaging, Storage, and Shelf Life

A Component: 55 US Gallon, Closed Top Steel Drum – 500 lb. net wt.

B Component: 55 US Gallon, Closed Top Steel Drum – 475 lb. net wt.

Shelf Life: Store containers between 50°F and 90°F. Containers should be opened carefully to allow any pressure buildup to be vented safely while wearing full safety protection. Excessive venting of the B Component may result in higher density foam and reduced yield. Excessive low or high temperatures may decrease shelf life. When stored in the original unopened container at 50°F-90°F:

- B Component is 6 months
- A Component is 12 months

Equipment

The proportioning equipment must be manufactured specifically for heating, mixing, and spray application of polyurethane foam and be able to maintain 1:1 metering with a +2% variance and adequate main heating capacity to deliver heated and pressurized materials up to 150°F.

Physical Properties[3]

PROPERTY	TEST METHOD	VALUE
Thermal Resistance	See Thermal Resistance Chart	-
R-Value at 1 inch	ASTM C 518	7.2
At 3.5 inch		25
Core Density	ASTM D1622	Nominal 2.0 PCF
Compressive Strength[4]	ASTM D1621	37.98 psi
Tensile Strength[4]	ASTM D1623	16.05 psi
Dimensional Stability[4] 158°F 100% RH (168 h)	ASTM D2126	2.22%
Air Permeance (>1 inch)	ASTM E2178	Meets Criteria
Vapor Permeance (>1.1 inch)	ASTM E96	<1.0 perms (Class II)
Closed Cell Content	ASTM D6226	> 90%
Surface Burning Characteristics[5]		
Flame Spread Smoke Developed	ASTM E84 (Complies with Class 1)	< 25 < 450
Thermal Barrier	NFPA 286	Pass with 14 mils (wet) DC 315
Ignition Barrier	NFPA 286 ACC 377 Appendix X	Pass without an intumescent coating
Wall Assembly	NFPA 285	Pass - Type Class I-IV, V-B Construction

3 Properties shown are representative values for 1-inch-thick material, unless otherwise specified.
4 Value at yield or 10% deflection, whichever occurs first.
5 These laboratory tests are not intended to describe the hazards presented by this material under actual fire conditions.

Thermal Resistance[6]

THICKNESS (INCH)	R-VALUE (°F*FT²*H/BTU)
1	7.2
2	14
3.5	25
4	28
5	35
5.5	39
6	42
7	49
7.5	53
8	56
9	63
9.5	67
10	70

For SI: 1 inch = 25.4 mm, oF *ft²*h/Btu = 0.176 K*m²/W
6 Nominal R-Values are calculated based on tested K values at 1-inch and 4-inch thickness for Ultra-Pure® CC