Gaco EZ Spray™

OPEN CELL FOAM

Spray foam made easy.

Consistent coverage any way you spray it.

Gaco is a Firestone Building Products brand.

Gaco Wall Foam

gaco.com
877 699 4226

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OPEN CELL FOAM

Spray foam made easy!

GacoEZSpray Open Cell Foam provides high R-value insulation and a seamless air barrier to control air leakage and lower energy consumption.

It also helps reduce condensation, moisture and mold and helps block airborne noise and absorb sound. This all adds up to a more energy efficient, comfortable and quiet indoor environment for home and building owners.

- Exceptional Yield
- Great Adhesion
- Excellent Sprayability
- Trims Easily
- Appendix X Approved*

*Certain conditions apply. Refer to CCRR-1009 report on Gaco.com.

Sprays well without dripping, even when spraying overhead areas such as roof decks.

Consistent coverage, any way you spray it.

The easy mixing and excellent adhesion properties of GacoEZSpray make it adaptable to the various substrates and spray methods encountered from job to job. Experienced applicators can hit the ground running with this easy-to-use foam without having to learn an entirely new spray method.

And because it adheres and expands so quickly, GacoEZSpray is the perfect solution for areas with a variety of spray angles.

Better yields mean a better bottom line.

Applicators will enjoy the quick rise of GacoEZSpray – since the foam is easy to spray and it lays down smoothly, cavities can be quickly sprayed without overfilling. This can lead to higher yields and less time spent on trimming.

GacoEZSpray meets AC 377 Appendix X* requirements for application without an ignition barrier in attics and crawl spaces — saving contractors time and money on every job.

In the end, GacoEZSpray can help make jobs go more quickly using less material.

GacoEZSpray Open Cell Foam –Spray foam made easy.

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GacoEZSpray F4500 Open Cell Foam Product Data Sheet | January 2018

GacoEZSpray F4500 is a family of two-component water-blown (zero ozone-depleting) liquid spray systems that cures to a low-density cellular polyurethane insulation material. This open cell foam is designed to provide: good thermal performance; air impermeable insulation; and, an integral part of an air barrier assembly.

GacoEZSpray F4500 has been tested as a Class A (Class 1) fire rated foam that meets the requirements of ICC-ES AC377 *Acceptance Criteria for Foam Plastic Insulation.*

DESCRIPTION

RECOMMENDED USES	GacoEZSpray F4500 will provide good performance in a wide range of residential, commercial and industrial applications where in service temperatures are between -40°F and 200°F. Acceptable uses for this product include: walls, ceilings, floors, attics and crawlspaces.

PHYSICAL PROPERTIES

The following preliminary physical property tests were conducted in accordance ICC-ES AC377.

PROPERTY*	ASTM TEST	VALUE	UNIT	
Core Density:	D1622	0.50 ± 10%	lbs/ft^3	
Initial R-Value: **	C518 C518	R 4.1 at 1" *** R 15.3 at 4" ***	h·ft^2·°F/Btu h·ft^2·°F/Btu	
Tensile Strength:	D1623	3.3	psi	
Water Vapor Permeance:	E96 – Method A	44.4	perm-in	
Dimensional Stability (7 Days):	D2126	5%	Max linear change	
Open Cell Content:	D2856	>90	%	
Air Permeance @ 75Pa	E2178	0.002	L/s·M^2	
Fungi Resistance	C1338	Pass	no growth	
Critical Radiant Heat Flux	NFPA 970	Pass	>0.12 W/cm^2	
Hot Surface Performance of High Temperature Thermal Insulation	ASTM C4111	Pass	Did not flame, glow, smolder or smoke	

* These items are provided for general information.
** Federal Trade Commission regulations published in the Federal Register 16 CFR Part 460 require that R value testing of polyurethane foam insulation must be conducted on aged samples at a 75°F mean test temperature. Please note the values listed above are the initial measure values and not the aged values. The aged values may vary from the values listed.
*** To determine R values for thickness not listed.
a. between 1 inch and 3.5 inches can be determined through linear interpolation; or,
b. 3.5 inches or greater can be calculated based on R 3.83/inch.

SURFACE BURNING CHARACTERISTICS

Meets Class A (Class 1) requirements when tested in accordance with ASTM E84 (UL 723) as defined in NFPA 101 and Section 803 of the International Building Code (2009, 2012, 2015).

SYSTEM	THICKNESS	FLAME SPREAD INDEX	SMOKE DEVELOPED INDEX	
GacoEZSpray	4" (10.2 cm)	0	300	

LARGE SCALE FIRE TESTING

TEST	PERFORMANCE	LOCATION	FOAM THICKNESS / COATING	
AC377	Ignition Barrier	Vertical Surfaces Horizontal or Sloped Surfaces	Up to 10" (25.4 cm) / DC315 - 4 mil wet Up to 16" (40.6 cm) / DC315 - 4 mil wet	
NFPA 286	Thermal Barrier	Vertical Surfaces Horizontal or Sloped Surfaces	Up to 10" (25.4 cm) / DC315 - 18 mil wet Up to 16" (40.6 cm) / DC315 - 18 mil wet	

TYPICAL LIQUID CHEMICAL PROPERTIES

"A" Component contains polymeric isocyanate. "B" Component contains polyol, catalysts, fire retardants, surfactants and blowing agent.

PROPERTY	TEST TEMPERATURE	ASTM TEST	VALUE	UNIT
Viscosity – "A" Component: Viscosity – "B" Component:	77°F (25°C)	D2196	200 ± 50 920 ± 50	cps cps
Weight/Gallon – "A" Component: Weight/Gallon – "B" Component:	77°F (25°C)		10.34 9.1	lbs/gal lbs/gal
Mixing Ratio – "A" & "B" Component:			1:1	By volume
Stability When Stored at 50°F to 100°F (10°C to 38°C):			A Component – 6 B Component – 6	Months Months

APPLICATION

To ensure optimum performance, a minimum pass thickness of 1" (2.54 cm) is recommended with no limit to maximum pass thickness. To obtain optimum results substrate temperature should be within the ranges as stated below. All substrates must be dry at the time of application. Do not apply to wood surfaces with a moisture content of above 18%.

MATERIAL	SUBSTRATE TEMPERATURE
GacoEZSpray F4500	40°F to 120°F (4°C to 49°C)

EQUIPMENT SETTINGS	
Pre-Heaters – Iso (A):	110°F to 140°F (43°C to 60°C)
Pre-Heaters – Poly (B):	110°F to 140°F (43°C to 60°C)
Hose Heat:	110°F to 140°F (43°C to 60°C)
Recommended Spray Pressure:	1,200 to 1,400 psi (dynamic)

REACTIVITY TIME	
Cream Time:	1 second
Rise Time:	3-4 seconds
Tack Free Time:	5 seconds
Cure Time:	4 hours

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