



Applegate C Foam LLC. 1000 Highview Dr. Webberville, MI 48892
 800.627.7536 Fax: 517-521-3597 www.applegateinsulation.com

C FOAM MASONRY FOAM INSULATION® TYPICALLY MEETS OR EXCEEDS THE STANDARDS OF OTHER
 FOAM-IN-PLACE INSULATION PRODUCTS.

C FOAM MASONRY FOAM INSULATION IS VIEWED AS
 AN APPROVED EQUAL WHERE OTHER PRODUCTS ARE SPECIFIED.

Comparison of
 C Foam Masonry Foam Insulation and
 Tripolymer Foam Insulation



Fire Rating	Class I	Class I
Flame Spread	25 or Less	25 or Less
Smoke Developed Index	450 or Less	450 or Less
R-Value of 8" CMU Wall	9.0 to 10.0 @ 100 lb/ft ³	11.27 @ 80 lb/ft ³ 8.21 @ 105 lb/ft ³
R-Value of 12" CMU Wall @ 100 lb/ft ³	12.0 to 13.0 @ 100 lb/ft ³	16.11 @ 80 lb/ft ³ 11.42 @ 105 lb/ft ³
R-Value of Foam	4.9/inch @ 25°F	4.8/inch @ 35°F
Acoustic Properties	STC 53-56 in 8" CMU	STC 53 in 8" CMU
Shrinkage in CMU Wall	<0.5%	0.5-1.5%
Fire Resistance Rating Impact	Negligible	Negligible
Dry Resin Foam	Yes	No



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Comparison of
 C Foam Masonry Foam Insulation and
 Thermco Foam Insulation



Fire Rating	Class I	Class I
Flame Spread	25 or Less	25 or Less
Smoke Developed Index	450 or Less	450 or Less
Low Formaldehyde Content	Yes	No
Contains Resorcinol (Causes Brown Staining)	No	Yes
R-Value of 8" CMU Wall @ 100 lb/ft ³	9.0 to 10.0	9.1
R-Value of 12" CMU Wall @ 100 lb/ft ³	12.0 to 13.0	12.5
R-Value of Foam	4.9/inch 25°F Mean Temperature	4.7/inch 35°F Mean Temperature
Acoustic Properties	STC 53-56 in 8" CMU	STC 52 in 8" CMU
Shrinkage in CMU Wall	<0.5%	1.86%
Shelf-Life of Product	1 Year	60 Days
Dry-Resin Foam	Yes	No

He shall build me an house, and I will stablish
 his throne forever. (1 Chronicles 17:12)

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Comparison of
 C Foam Masonry Foam Insulation and
 PolyMaster R-501



Fire Rating	Class A ¹	Class B ²
Flame Spread	25 or Less	75 or Less*
Smoke Developed Index	450 or Less	450 or Less
Formaldehyde Content	<0.25% (Low)	<3.0% (High)
R-Value of Foam @ 25°F Mean Temperature	4.9/inch	4.6/inch
Acoustic Properties	STC 53-56 in 8" CMU	STC 52 in 8" CMU
Shrinkage in CMU Wall	<0.5%	<2.0%
Product Yield	1500 8" Block 1000 12" Block	1350 8" Block 900 12" Block
Fire Resistance Rating Impact	Negligible	Negligible
CFC's	No	No
Biodegradable	Yes	Yes
Water Vapor Transmission	12 perms	?
Compressive Strength	.579 lb _f /in ²	?
Open Cell Content	40% by Volume	?
Globally Green	Yes	Yes

¹Commercial Testing Co., Report #02-06199, ASTM E 84-01, @ 3.5" Thick

²ICC-ES Legacy Report 2319, 4.2 Surface Burning Characteristics, @ 2.4" Thick



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CFoam Masonry Foam Insulation is viewed as an approved equal where other products are specified.

Comparison of
 C Foam Masonry Foam Insulation and
 Core-Fill 500 Foam Insulation



Fire Rating	Class I	Class I
Flame Spread	25 or Less	25 or Less
Smoke Developed Index	450 or Less	450 or Less
Low Formaldehyde Content	Yes	No
R-Value of 8" CMU Wall @ 100 lb/ft ³	9.0 to 10.0	9.1
R-Value of 12" CMU Wall @ 100 lb/ft ³	12.0 to 13.0	12.5
R-Value of Foam	4.9/inch @ 25°F	4.9/inch @ 35°F
Acoustic Properties	STC 53-56 in 8" CMU	STC 53 in 8" CMU
Shrinkage in CMU Wall	<0.5%	<1.0%
Fire Resistance Rating Impact	Negligible	Negligible