



Surface Burning Characteristics

*Class A (Class I) Rating
Flame Spread Index – 25 or less
Smoke Developed Index – Less than 450*

Thermal Resistance

R-Value per Inch – 4.6 / inch @ 25°F mean temperature

Foam Density

0.72 lb/ft³

Formaldehyde Content of Cured Foam

*2700 ppm total formaldehyde
Zero detectable emissions
(Below 0.81 ppm over a 24-hour period)*

Fire Resistance Rating

As with all foam-in-place insulation products, Core Foam Masonry Foam Insulation neither adds to nor detracts from the fire rating of a CMU wall.

Dimensional Stability (Shrinkage)

0.48 Percent – 12x8x16 CMU Enclosed Wall Cavity

Product Yield

*1500-1600 8-inch CMU
925-1075 12-inch CMU*

Resorcinol Content

None Detected

Sound Transmission Ratings

*8-Inch CMU with No Insulation
NCMA – 49-52 dB
OCBA – 46-50 dB*

*8-Inch CMU with Core Foam Masonry Foam Insulation
NCMA – 53-56 dB
OCBA – 50-54 dB*

Compressive Strength

*Load @ 10 percent – 5.21 pounds
Sample size – 3x3x1 inches
Stress @ 10 percent - .579 lb_f/in²*

Open Cell Content

40 percent by volume

Shelf-Life of Blended Foam

60 Days

Water Vapor Transmission Test

*Average Permeance: 12 perms
Average Permeability: 13 perm-in*