



TEST RESULTS

Surface Burning Characteristics

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

Thermal Resistance per ASTM C-518-04

R-Value per Inch – 4.92 / inch @ 25°F mean temperature
4.4 / inch @ 75°F mean temperature

Foam Density

0.8 lb/ft³, Typical Dry Density
2.5-3.2 lb/ft³, Typical Fresh Density

Heat Combustion per NFPA 259

6494 BTU/lb

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.

Product Yield per Drumset, Typical

1500 8-inch CMU
1000 12-inch CMU

Resorcinol Content

None Detected

Compressive Strength

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

Water Vapor Transmission Test

Average Permeance: 12 perms
Average Permeability: 3 perm-in

Open Cell Content

40 percent by volume

Water Absorption

<5.0% after 48 hours