



## TEST RESULTS

### Surface Burning Characteristics per ASTM E-84

*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 - 5.0 @ 25°F  
4.6 @ 75°F*

### Foam Density

*0.8 lb/ft<sup>3</sup>, Typical Dry Density  
2.5-3.2 lb/ft<sup>3</sup>, Typical Fresh Density*

### Heat of 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.*

### VOC Emissions of Cured Foam

*<100 ppb*

### Product Yield per Drumset, Typical

*(1500) 20 cm CMU  
(1000) 30 cm CMU*

### Resorcinol Content

*None Detected*

### Compressive Strength

*Load @ 10 percent – 5.21 pounds  
Sample size – 3x3x1 inches  
Stress @ 10 percent - .579 lb/in<sup>2</sup>*

### 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*

Test reports available upon request by calling the  
cfiFOAM Corporate Office, 800-656-3626 (2014)