



Surface Burning Characteristics

*Class A (Class 1) Rating per ASTM E-84-10
Flame Spread Index – 25 or less
Smoke Developed Index – <450*

Thermal Resistance

*R-Value per Inch = 5.1 / inch @ 25°F per ASTM C-518-10
R-Value per Inch = 4.4 / inch @ 75°F per ASTM C-518-010¹
¹ FTC Rule 460 (Home Insulation Rule) requires R-Value disclosure @ 75°F for residential applications.*

Foam Density

0.8-1.8 lb/ft³ ± 6% per ASTM D-1622

Formaldehyde Content of Cured Foam

<100 ppb

Fire Resistance Rating

*As with all foam-in-place amino-plast insulating foams, **InsulSmart MH™** neither adds to nor detracts from the fire-rating of a wall.*

Dimensional Stability (Shrinkage)

0.0 to 1.0%

Product Yield

***Wood Frame Wall Application**
3,800 board feet per Drumset
1,100 ft² of 2" x 4" wall area
700 ft² of 2" x 6" wall area*

***CMU Masonry Wall Application**
1400 8" CMU per Drumset
925 12" CMU per Drumset
350 ft³ per Drumset*

Shelf-Life of Blended Foam Components

14 Days

Water Vapor Transmission

10.6 perms per ASTM E-96-05

Accelerated Aging

*70°C – 97% Relative Humidity per ASTM C1029 (D2126) – Passed
-40°C – Ambient Relative Humidity per ASTM C1029 (D2126) - Passed*

Shelf-Life of Blended Foam Components

14 Days

Contains 3 EPA Listed Antifungal Additives Including MOLD-CARE™