



FIRESHELL® BMS TC COATING PROPERTIES

Flame Spread / Smoke Developed (ASTM E84): 5, 20

Flash Point: None

Volatility/VOC: <50 g/l

Solvents: Water Based

Toxicity: Non-Toxic

Fungus Resistance: Excellent

Mold Resistance: Excellent

Viscosity: ~110 - 120 ku at room temp(72f)

Linear Shrinkage: Minimal

Moisture Absorption: Mild

Corrosive: Mildly; None when dry

Shelf Life: 1 Year

Environmental Impact: Meets EPA & Cert

Green Product: as per <http://www.greenguide.com>

Spray tip: 525-529, 3/8' dia hose

Wet Film/Coat to DFT - 24 mils dries to 14 mils per coat, nominal for Bayseal CC

Wet Film/Coat to DFT - 20mils dries to 12 mils per coat, nominal for Bayseal OC

Recommended Final DFT: Application based

Recommended Equipment: www.tpr2.com/sprayequipment.htm

Sag Resistance: 40 mils or more when sprayed

Priming: No priming required.. .clean, dry, scale free surface recommended

Dry Time: 1-3 hours between coats. Up to 3 weeks to cure before scrub or fire testing.

Weight per gallon: 10.9 -11.3 lb. wet

Color: White & Charcoal Black standard

Custom tinting: available for 100 gallons

Coverage: up to 90 ft²/gallon at 14 mils DFT 2#, up to 83 ft²/ gallon at 12mils DFT 1/2#, depending on smoothness of the surface foam.

Spraying Temps: Normal spray temps 62-95°f ambient interior space. Can be sprayed (with slower dry times) as low as 55°F (with coating warmed to room temperature or warmer)

SPRAY TIPS

- Closed Cell requires 12 hrs minimum before coating with **Fireshell®**
- Open cell foam requires 24+ hrs before coating with **Fireshell®**
- Ventilate area during and after spraying for faster drying.
- Dehumidify if >50%rh, especially renovation work.
- 2 thinner coats strongly recommended for complete foam coverage & faster drying
- Always use safety goggles and NIOSH mask (ex. 3M 6300 series)