



FIRESHELL® F-10 SERIES 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

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: 521-525 with 3/8" hose

Wet Film/Coat to DFT - spray: 30 mils dries to 17 mils per coat, nominal

Wet Film/Coat to DFT - brush: 20 mils dries to 11 mils per coat, nominal

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: 11.5 - 11.7 lbs.

Color: White & Charcoal Black standard

Custom tinting: available for 100 gallons

Coverage: 100 ft²/gallon at 15 mils DFT (Non-Porous)55-80 SF/ gallon at 15 mils DFT on foam, 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).

SPRAY TIPS

- Closed Cell requires 12 hrs minimum before coating with **Fireshell®**
- Open cell foam requires 24+ hrs before coating with **Fireshell®**
- Open cell foam requires tack coat of **Fireshell®** before full coating
- Bio-foams require bonding primer - contact TPR2
- 2 thinner coats strongly recommended for complete foam coverage & faster drying