



## **AFES Series Coatings & Paints**

### **Fire Extinguishing, and /or Fire Barrier, Flexible Paints**

**Flame Spread / Smoke Developed (ASTM E84): 0**

**PH: 6.5**

**Flash Point:** None

**Volatility/VOC:** 0

**Solvents:** Water Based

**Toxicity:** Non-Toxic

**Fungus Resistance:** Excellent

**Mold Resistance:** Excellent

**Linear Shrinkage:** Minimal

**Moisture Absorption:** Minimal

**Corrosive:** Mildly; None when dry

**Shelf Life:** 1 Year

**Environmental Impact:** Meets EPA & Cert

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

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

**Wet Film/Coat to DFT – brush:** 22 mils dries to 11 mils per coat, nominal

**Recommended Final DFT:** 10 mils—15 mils or more, depending on fire barrier / extinguishing requirements

**Recommended Equipment:** [www.tpr2.com/sprayequipment.htm](http://www.tpr2.com/sprayequipment.htm)

**Sag Resistance:** Coatings - 60 mils or more when wall sprayed, one half that on ceilings. Primers –24 mils or more when wall sprayed, one half that on ceilings.

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

**Dry Time:** 2-3 hours between coats, depending on temperature and humidity. Up to 3 weeks to cure before scrubbing

**Weight per gallon:** 10.5-11.2 lb. Wet

**Color:** White (F1&F4 only), Light Gray, Red, Charcoal, & Black  
Custom Colors Available

**Coverage:** 100 ft<sup>2</sup>/gallon at 15 mils dry

**Spraying Temps:** Normal spray temps 62-95 f ambient interior space. Can be sprayed (with slower dry times) As low as 40 F (with coating warmed to 72F or more).

## **SPRAY TIPS**

- Closed Cell requires 12 hrs minimum before coating with **Fireshell®**
- Open cell foam requires 72+ 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