



AFES F1 & F5 Series Coatings & Paints Fire Extinguishing, and/or Fire Barrier, Flexible Paints

Flame Spread / Smoke Developed (ASTM E84): 0,20

PH:9

Flash Point: None

Volatility/VOC: 0

Solvents: Water Based

Toxicity: Non-Toxic, no formaldehyde

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>

Exterior weatherability: Excellent, see reports on website

Spray tips: use 521-525

Wet Film/Coat to DFT - spray: 30 mils dries to 16 mils per coat, nominal

Wet Film/Coat to DFT - brush: 20 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/spraying.html

Sag Resistance: Coatings - 40 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: 1-3 hours between coats, depending on temperature and humidity. Up to 3 weeks to cure before testing

Weight per gallon: 10.5-11.2 lb. Wet

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

Coverage: 100 SF/gallon at 15 mils dry(non-porous), 135 SF/gallon at 9 mils dry(porous)

Spraying Temps: Normal spray temps 62-95 f ambient interior space. Can be sprayed (with slower dry times) As low as 50 F (with coating warmed to 72F or more).