



F1ES saturant ...Fire Barrier, intumescent

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 15 mils per coat, nominal

Wet Film/Coat to DFT - brush: 20 mils dries to 10 mils per coat, nominal

Recommended Final DFT: 6 mils—15 mils dft or more, depending on fire barrier/extinguishing requirements

Recommended Equipment: www.tpr2.com/spraying.html

Sag Resistance: Coatings - 30 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 to dry to touch, depending on temperature and humidity. Humidity >50% has a significant impact on drying times. Up to 3 weeks to cure before scrub testing

Weight per gallon: 10.5-11.2 lb. Wet

Color: Light Gray. also avail in 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).

SPRAY TIPS

- See TPR2 website for recommended equipment
- Single coat application