



Fireshell® F1EP **INTUMESCENT BARRIER COATING for wood, lumber, timber**

Volatiles/VOC(g/l):	Below 50 g/l -meets SCAQMD & EPA
Flame Spread & Smoke (as per ASTM E84):	Class A (<25fs, <50s)
Solvents, Toxicity:	None, water based, non-toxic
Environmental Impact:	Green product (as per http://www.greenguide.com)
Weight Per Gallon:	10.9lbs +/- .3lb
Colors:	primer gray & brown-customs available
Wet film/ dry film ratio:	25 mils dries to 15 mils per coat, nominal
Coverage rate:	up to 85 ft2/gal @15dft(non porous substrate), less on new wood or porous wood.
Dry Times:	3-4 hrs at optimal conditions, see Drying Conditions below
Recommended Equipment:	Airless: Graco 695 -2200psi at tip w/3/8" line Gun: Graco HD texture gun p/n 241705 Tips: .521 to .525
Sag Resistance:	35 mils+ walls, 20 mils+ on ceilings (for reference)
Mold & Fungus Resistance:	Per ASTM 3273-Excellent
Spraying Temps:	60°-95° F ambient, coating <u>must</u> be kept above 60° F
Container sizes:	5 gallon pails or 55 gallon drums
Shelf Life:	1 year from date of manufacture, store above 45° F
Drying Conditions:	-drying times will be affected at 60%rh or greater -do not coat at >65%rh, correct drying will not occur -exterior coat only when several clear days are forecast
Washability:	Meets ASTM D2486 Scrub Resistance 370 cycles Passes ASTM D4585 Moisture Resistance, 100 hours

See spray procedures, safety, certifications, test reports and MSDS at www.tpr2.com