



## Fireshell® IB 4 IGNITION BARRIER INTUMESCENT COATING

Volatiles/VOC (g/l):	Below 50 g/l SCAQMD & EPA
Flame spread & smoke (as per ASTM E84):	<b>Class A (&lt;25fs, &lt;50s)</b>
Solvents, Toxicity:	None, water based, non-toxic
Environmental Impact:	Green product (as per <a href="http://www.greenguide.com">http://www.greenguide.com</a> )
Weight Per Gallon:	10.9lbs +/- .3lb
Colors:	Off-White
Application Times:	As Soon As 2 Hours of Foam Core at Ambient
Dry Times:	To touch - 90min, 1-2 hrs between coats, 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: .517 to .525
Sag Resistance:	35 mils+ walls, 20 mils+ on ceilings (for reference)
Mold & Fungus Resistance:	Per ASTM 3273-Excellent
Spraying Temp:	55°-95° F ambient interior, coating <u>must</u> be kept above 62° F
Container Sizes:	5 gallon pails or 55 gallon drums
Shelf Life:	1 year from date of manufacture, store above 45° F
Drying Conditions:	See <a href="http://www.tpr2.com">www.tpr2.com</a> "ventilation procedure" -cross ventilation always required -mechanically dehumidify if 60%rh or greater is present -fully cures in 3 weeks
Washability:	Meets ASTM D2486 Scrub Resistance > 1100 cycles Passes ASTM D4585 Moisture Resistance, 100 hours
Recommended WFT-DFT, coverage rates, wall & ceiling foam thicknesses:	-Contact TPR2

SEE COATING FOAM MATRIX HERE: <http://www.tpr2.com/fullscalecerts.html>

See spray procedures, safety, certifications, test reports and MSDS at [www.tpr2.com](http://www.tpr2.com)