



FIRE PROTECTIVE COATING

# FS-IB™ IGNITION BARRIER

## PRODUCT DATA SHEET

### DESCRIPTION

**FS-IB™** is a single component, water-based latex coating for use as an ignition barrier over Spray Polyurethane Foam (SPF) insulation. FS-IB uses intumescent technology for use in unoccupied areas such as crawl spaces and unhabitated attics, to protect SPF from flame source impingement in both residential and commercial structures. FS-IB is designed for AC-377 Appendix X compliance over SPF and should not be utilized in occupied spaces or commercial structures where secondary fire protection is not separating the spray foam from the interior of the building.

### APPLICATION

The standard recommended application method for FS-IB™ is airless spray equipment. Small jobs or touchups may be performed by roller, or brush. FS-IB™ must be applied to surfaces free of dirt, grease, loose particles, and any foreign matter. Thorough mixing is required prior to application.

Coverage rates may vary depending on SPF density, brand and testing results. Please seek proper application coverage specs from either the SPF manufacture or a Flame Seal Testing Matrix.

### RECOMMENDED EQUIPMENT

Airless spray equipment capable of 3000-PSI fluid pressure or 2000 PSI dynamic pressure at the spray gun is recommended. Use a .025-.033 tip size for best results.

<i>Color Options</i>	<i>Standard White Platinum Gray</i>
<i>Weight Per Gallon</i>	<i>10.7</i>
<i>Volume Solids</i>	<i>51 +/- 2</i>
<i>Specific Gravity</i>	<i>1.25-1.33</i>
<i>ph</i>	<i>7.5-8.5</i>
<i>VOC</i>	<i>30g/l</i>
<i>Shelf Life</i>	<i>9 Months Unopened</i>
<i>Testing</i>	<i>Modified NFPA 286 AC 377 Appendix X</i>
<i>Surface Burning ASTM E 84</i>	<i>Flame Spread: 0 Smoke Development: 10</i>
<i>Evaluation Report</i>	<i>UES ER-0600</i>

### LIMITATIONS & PRECAUTIONS

FS-IB™ is a water-based acrylic coating which will freeze and become unusable when exposed to temperatures below 32 °F. The product must be protected from freezing during shipment and storage. The product should be stored in temperatures above 50 °F. The Dew Point Rule must be followed when applying and curing FS-IB™. Environments with high humidity will require longer cure times.

FS-IB™ is designed for AC-377 Appendix X compliance over Spray Polyurethane Foam as an Ignition Barrier in Attics and Crawl Spaces. The product should not be utilized in any other habitable areas or commercial structures where secondary fire protection is not separating the spray foam from the interior of the building.

Please review the SDS and use the appropriate respiratory, skin and eye protection when handling or applying the product.

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