



FIRE PROTECTIVE COATING

FS-IB™ IGNITION BARRIER

PRODUCT DATA SHEET

FS-IB™ Ignition Barrier is a single component, water-based latex coating for use as an ignition barrier over interior Spray Polyurethane Foam (SPF) insulation. FS-IB™ uses intumescent technology to protect SPF from flame source impingement. FS-IB™ is designed specifically as a protective coating over spray foam insulation in non-occupied areas, such as crawl spaces and uninhabited attics in both residential and commercial structures. The product has been tested successfully under the AC 377, Appendix X test method.

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.

The standard application rate is 8 wet mils or 200 sq. feet per gallon. 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 representative.

RECOMMENDED EQUIPMENT

Airless spray equipment capable of 3000-PSI fluid pressure or 2000 PSI dynamic pressure at the spray gun. Use .033 or greater spray tip.

Color	White (Flat)
Viscosity	90 - 120 KU
Solid by weight	63 +/- 2%
Solid by volume	52 +/- 2%
Weight per gallon	10.8 lbs +/- 2%
Specific Gravity	1.28 - 1.33
VOC	< 50 grams/L
Clean Up	Water
Shelf Life	6 mths @ storage between 60-80 °F
Cure Time	24 hours
Drums	55 gallons
Pails	5 gallons

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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