



FLAME SEAL-TB™ COATING TECHNICAL DATA

DESCRIPTION: Flame Seal-TB™ (aqueous based resin) is a spray applied fire protective intumescent coating, which satisfies thermal barrier / ignition barrier requirements of the IBC, IRC, IFC, (codes), as well as ICC-AC377, when applied over Spray Polyurethane Foam (SPF) insulation.

ANALYSIS:

| | |
|---------------------|---|
| Total Solids | 61-66% by weight |
| Weight per gallon | 10.8 lbs. - 11.6 lbs. |
| Specific gravity | 1.33 - 1.45 |
| pH | 2.2 - 3.2 |
| Flash Point | None |
| Color | White |
| Coverage | Thermal Barrier: 65 SQ Feet per Gallon Ignition Barrier: 125-400 SQ FT per Gallon (depending on brand) |
| Volatility | Low VOCs* |
| Solvents | Water |
| Toxicity | Cured film non-toxic |
| Fungus resistance | Good |
| Mold resistance | Good |
| Bacteria resistance | Mildly resistant |
| Linear shrinkage | None |
| Moisture absorption | None, when fully cured (See FS-TB™ General Info Sheet) |
| Corrosive | Mildly in liquid form, non corrosive when dry |
| Storage | Temperature : 40-90°F, (44.44°C-32.22°C) |
| Shelf Life | 1 Year from Manufacturer Batch Date at proper temp. |

* Mixed liquid product contains up to 10 grams/liter of isopropyl alcohol.

RECOMMENDED USE: This product recommended for **interior use only**. Spray applied fire retardant coating used as a thermal and/or ignition barrier over Spray Polyurethane Foam (SPF) insulation. **This product is intended for use by professional applicators only. Do not use this product without obtaining application instructions from Flame Seal Products, Inc.**

Mixing and Application Instructions: See written instructions and video. Flame Seal-TB™ technical support phone number : 713 668 4291 or 800 783 3526.

ENVIRONMENTAL REGULATIONS: Compliant with FDA/USDA for incidental food contact. This product complies with U.S. Federal Regulations concerning the use of lead in paint AND hydrocarbon emissions.

PRODUCTS ARE GUARANTEED TO PERFORM THEIR FIRE RETARDANT FUNCTION AS REPRESENTED BY THIRD PARTY TESTS, IF APPLIED ACCORDING TO MANUFACTURER'S PUBLISHED INSTRUCTIONS. PRODUCTS MAY NOT BE DILUTED OR ALTERED PRIOR TO USE.

There are no other warranties either expressed or implied since Flame Seal Products, Inc. cannot control the actual application of the products. Users must determine usability and suitability for their particular requirements, as well as compatibility with the exact materials to be treated or coated.

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