



Flame Seal TB-Pro

TECHNICAL DATA SHEET

FlameSeal LLC
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Description

Flame Seal TB-Pro is a non-flammable, single-component, water-based, thermal barrier coating for use as a thermal barrier over spray polyurethane foam (SPF) insulation. TB-Pro uses intumescent technology to protect SPF from flame source impingement. TB-Pro is designed to expand when exposed to fire or extreme heat and form a protective layer of carbon char, insulating the substrate below. TB-Pro is compliant with the 2018 International Building Code requirements for use as a alternative thermal barrier coating system over SPF. Additionally, TB-Pro meets the IBC 803.1.2.1, IBC 2603.9, IRC R316.6, IRC 302.9.4, E84 Class A, LEED Certified Green Product, EPA Low-VOC standard, and FM 4975.



Key Features:

- Meets Green Standards and Lead Paint Requirements.
- Meets NFPA 285 Multi-Story Fire Resistance Over SPF
- Meets EPA Certification for Ultra Low VOC Coating
- Meets Multiple IBC and IRC Codes Over Foam

Application: Please refer to the Flame Seal TB-Pro Application Guide for full instructions on application.

Apply TB-Pro using airless spray equipment over spray polyurethane foam (SPF). Mix product well before application. Ensure the substrate is free of grease or debris before applying. Check thickness of coating with mill gauges throughout the project.

FOR PROFESSIONAL USE ONLY. NOT FOR SALE TO THE GENERAL PUBLIC.

Color	Standard White Platinum Gray Charcoal Black
Weight Per Gallon	11.5 lbs(+/- .3)
Volume Solids	59%
Storage Temperature	> 45°F
ph	6.0-7.0
VOC	< 5 g/l
Shelf Life	1 Year Unopened
Testing	NFPA 285 & 286 ASTM E84 Class A EPA Method 24 VOC Test Mold Resistance
Packaging	5 Gallon Pail 55 Gallon Drum

Evaluation Report: Please refer to the Flame Seal TB-Pro Evaluation Report UES ESR-5165.

Safety Data: Flame Seal TB-Pro SDS can be found online at www.flameseal.com on the TB-Pro page.

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