



TB-PRO

NFPA 286 Thermal Barrier

Flame Seal TB-Pro

Spray
Polyurethane
Foam

Substrate

FLAMESEAL, LLC.

STANDARD WHITE
5 Gal

MADE IN USA



Description:

TB Pro is a fast drying, single component, water-based treatment for use as a thermal barrier over Spray Polyurethane Foam (SPF) insulation. TB Pro uses intumescent technology to expand up to 2,000% its original size and protect SPF from flame source impingement. TB Pro is a non-flammable, interior coating that is non-toxic and drain safe. TB Pro offers superior mold resistance and can be paired with a top coat. TB Pro is available in white, gray, and black color options.

Application:

The standard recommended application method for TB Pro is airless spray equipment. Small jobs or touch-ups may be performed by roller, or brush. TB Pro must be applied to surfaces free of dirt, grease, loose particles, and any foreign matter. Thorough mixing is required prior to application. Remove all filters before spraying. Coverage rates may vary depending on SPF density, brand, and testing results. Please seek proper application coverage specs from either the SPF manufacturer or the Flame Seal ESR Report.

Substrate Preparation:

TB Pro must be applied to surfaces free of dirt, grease, loose particles, or any foreign matter. Thorough mixing is required prior to application. The quality of any application is only as good as the surface preparation that precedes the application. Verify the surface is stable, and not crumbling or deteriorated. If any such defects are found, repair them prior to proceeding. Check environment conditions before spraying.

Material Preparation:

Mix TB Pro with a drill mixer until it is uniform in color and consistency. 3-5 Minutes for 5 Gallon Pail, 17-20 Minutes for 55 Gallon Drum. Do not thin or add water. If TB Pro is not properly mixed it can compromise the application.

Storage

TB Pro should be stored above 45°F. The product must be protected from freezing during Shipping, Storage, and Application. Note: If the product has been frozen, please contact your Flame Seal representative. Shelf Life is 1 Year from date of manufacture.



! READ LABEL BEFORE USE:

WARNING: Harmful if inhaled. Causes skin irritation. Causes eye irritation.

PRECAUTIONS: Do not handle until all safety precautions have been read and understood. Read SDS and TDS. Do not breathe mist, fume, vapors or spray. Wash hands and other skin areas exposed to material thoroughly after handling. Wear chemical resistant gloves, protective clothing and safety glasses with side shields or goggles. Use in a well-ventilated area.

FIRST AID: If exposed or concerned get medical advice. **IF ON SKIN:** Wash with plenty of soap and water. **IF INHALED:** If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing has stopped, give artificial respiration. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if you feel unwell, experience a skin irritation or rash, eye irritation persists, or if you are experiencing respiratory symptoms.

STORAGE: Store upright and locked up. Protect from sunlight. Store in a well-ventilated place. **KEEP OUT OF REACH OF CHILDREN. DISPOSAL:** Dispose of contents in accordance with applicable local/national/regional/international regulations. Read SDS or TDS for more information.

VOC Content <50 g/L

! WARNING: Cancer – www.P65Warnings.ca.gov.

Recommended Spray Equipment

Minimum Requirements
Dynamic At Gun Tip Size

3000 PSI	2200 PSI	.021-.025
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Graco	Ultra Max II 795/1095
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Titan	Impact 840/1140
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*Remove all filters!

Application Temperature Chart:

Air temperature	50°F – 95°F
Humidity Range	< 65%
Surface temperature	50°F – 95°F
Application Product Temperature	50°F – 95°F

FLAMESEAL, LLC.

9420 Knight Road
Houston, TX 77045 USA

713-668-4291 (office)

713-668-1724 (fax)



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