

Product Description

BLAZELOK™ TB is a water based, fire protection intumescent coating. Fourteen mils of **BLAZELOK™ TB** applied over **SEALECTION™ 500** meets the 2006 and 2009 IBC®, 2009 and 2006 IRC® and the NFPA 101, Life Safety Code for use without a prescribed thermal barrier when tested in accordance with NFPA 286: Standard Methods of Fire Tests for Evaluating Contribution of Wall and Ceiling Interior Finish to Room Fire Growth.

ASTM E 84 Flame Spread Smoke Developed	5 20
Protective Properties over SEALECTION® 500 (Per NFPA 286)	Complies with the 2009 IBC® 2603.9 and 803.2; 2009 IRC® 302.9.4 and 316.6; 2006 IRC® 314.6 and 315.4 and the NFPA 101 paragraph 10.2.3.7.2 for use without a prescriptive thermal barrier.
Flash Point	None
Volatility/VOC	<50g/l Meets all LEED, AQMD and EPA VOC requirements
Solvents	Water Based
Toxicity	Non-Toxic
Weight per Gallon	10.9 – 11.3 lbs.
Solids by Volume	57±2%
Color	Dull flat white. Caution: Do not add tint to the Blazelok TB.
Top Coating	Wait a minimum of 24 hrs prior to painting with a quality latex topcoat. Must be dry prior to top coating. Moisture meter recommended. Topcoat may be tinted per its manufacturer's instructions
Wet film / coat to dry film thickness (DFT) – spray	25 mils dry to 14 mils, nominal.
Recommended final DFT	14 mil to comply with the 2006 & 2009 IBC Section 803.2
Dry Times	Dry to touch – 1 hour, 2 hrs between coats depending on humidity temperature. Humidity above 50% RH has a significant impact on drying time.
Recommended Equipment	Graco® 695/ASM2100 3300 psi with spray gun tip model number RAC 521 or LTX 521 or larger. Hose size: use ¼" dia. last 50' to gun, additional lengths of hose use minimum 3/8" dia. to minimize pressure loss. Remove pump and gun filters prior to spraying.
Sag Resistance	Will not sag at required thicknesses.
Coverage	Up to 82 ft²/gallon at 14mils DFT on a relatively smooth surface based on NFPA 286 test results. Coverage rates will be reduced on foam surfaces with large undulations or rough surfaces.
Minimum temperatures	Product pail temperature, 70°F Substrate temperature, 50°F Use infrared gun to confirm temperatures.
Priming for Thermal Barrier on SEALECTION® 500:	No primer required
Mold & Fungus Resistance	Excellent(10) per ASTM D-3273-05 & ASTM D-3274-02
USDA Approvals	Acceptable for use as an "incidental food contact" material.
Controlled High Humidity Environments	Contact DEMILEC's Engineering Department for technical assistance in applications involving controlled high humidity environments.

Note: Blazelok TB and Blazelok TB 200 are different formulations and are not interchangeable.

Please contact your DEMILEC (USA) Technical Services Representative for assistance regarding the installation of this product.



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