



Product Description

BLAZELOK™ TB 200 is part of a water based, fire protection intumescent coating system. Eight mils of **BLAZELOK™ TB 200** and 4 mils of **Blazelok TB 200 Primer** applied over **HEATLOK SOY® 200** 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 Heatlok Soy® 200 (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	11 – 11.4 lbs.
Solids by Volume	63-66%
Color	Dull flat white. Caution: Do not add tint to the Blazelok TB 200.
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	15 mils dry to 8 mils, nominal.
Recommended final DFT	8 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 120 ft²/gallon at 8 mils 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 Heatlok Soy® 200:	A 4 mil coat of Blazelok TB 200 Primer is required. Noncompliance with the code will result from use on any other primer.
Controlled High Humidity Environments	Contact Demilec's Engineering Department for technical assistance in applications involving controlled high humidity environments.
USDA Approvals	Acceptable for use as an "incidental food contact" material.

This product was developed and tested for use with Blazelok TB 200 Primer only. 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.



Disclaimer: The information herein is to assist customers in determining whether our product is suitable for their application(s). We request that customers inspect and test our product before use and satisfy themselves as to contents and suitability. Nothing herein shall constitute a warranty, expressed or implied, including any warranty of merchantability or fitness, nor is protection from any law or patent inferred. All patent rights are reserved.