



BLAZELOK™ TB 200 PRIMER

Thermal Barrier Primer for Blazelok TB 200 Coating Technical Data Sheet

Product Description

BLAZELOK™ TB 200 Primer is part of a water-based, fire protection, intumescent coating system. Four mils of **BLAZELOK™ TB 200 Primer** along with an eight mil finish coat of **Blazelok™ TB 200** 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 E84 <i>Flame Spread</i> <i>Smoke Developed</i>	0 20
Protective Properties over Heatlok Soy 200 (as 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	Zero
Solvents	Water Based
Toxicity	Non-Toxic & No Formaldehyde
Environmental Impact (as per greenguide.com)	EPA & SCAQMD & LEED compliant
Weight per Gallon	10.5 – 11.2 lb.
Solids by Volume	54-55%
Color	Gray.
Wet film / coat to DFT	7 mils dries to 4 mils, nominal.
Recommended final DFT	4mils
Dry Times	1-1/2 hrs. depending on humidity/temperature. Humidity above 50% RH has a significant impact on drying time. This primer may be over coated with Blazelok TB 200 immediately upon verification the primer is dry.
Changeover from Blazelok TB 200 Primer to Blazelok TB 200 Coating	<i>No flushing of equipment or hoses is required when changing from the primer to the finish coat. Use warm water to flush and clean equipment upon completion of spraying operation.</i>
Recommended Equipment	<i>Graco® 695/ASM2100 3300 psi with spray gun tip model number RAC 521 or LTX 521 or larger. Hose size: use 1/4" 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.</i>
Sag Resistance	No sagging when sprayed at required wet thickness.
Coverage	Up to 170 ft²/gallon at 4 mils dry on a relatively smooth surface. 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.
Fungus/Mold Resistance	No mold growth per ASTM D 3273 test

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