



# 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.

<b>ASTM E84</b> <i>Flame Spread</i> <i>Smoke Developed</i>	0 20
<b>Protective Properties over Heatlok Soy 200 (as per NFPA 286)</b>	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.
<b>Flash Point</b>	None
<b>Volatility/VOC</b>	Zero
<b>Solvents</b>	Water Based
<b>Toxicity</b>	Non-Toxic & No Formaldehyde
<b>Environmental Impact (as per greenguide.com)</b>	EPA & SCAQMD & LEED compliant
<b>Weight per Gallon</b>	10.5 – 11.2 lb.
<b>Solids by Volume</b>	54-55%
<b>Color</b>	Gray.
<b>Wet film / coat to DFT</b>	7 mils wet dries to 4 mils, nominal.
<b>Recommended final DFT</b>	4mils
<b>Dry Times</b>	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.
<b>Changeover from Blazelok TB 200 Primer to Blazelok TB 200 Coating</b>	<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>
<b>Recommended Equipment</b>	<i>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.</i>
<b>Sag Resistance</b>	No sagging when sprayed at required wet thickness.
<b>Coverage</b>	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.
<b>Minimum temperatures</b>	Product pail temperature, 70°F Substrate temperature, 50°F Use infrared gun to confirm temperatures.
<b>Fungus/Mold Resistance</b>	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.**



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