



# Technical Data Sheet

## Product Description

**BLAZELOK™ TB** is a water based, fire protection intumescent coating. Fourteen mils of **BLAZELOK™ TB** applied over **SEALECTION® 500** meets the 2006 International Building Code® Section 803.2 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	
Flame Spread	5
Smoke Developed	20
Protective Properties (as per NFPA 286)	
Over <b>SEALECTION® 500</b>	Complies with the International Building Code® 2603.9 and 803.2 for use without a prescriptive thermal barrier.
Flash Point	None
Volatility/VOC	<50g/l
Solvents	Water Based
Toxicity	Non-Toxic
Environmental Impact (as per greenguide.com)	Green Product
Weight per Gallon	10.8 – 11.0 lbs.
Solids by Volume	51+/- 2%
Color	White. Caution: <i>Do not add tint to material, see top coating below.</i>
Wet film / coat to DFT – spray	24 mils dry to 14 mil, nominal.
Wet film / coat to DFT – brush	Use only for touchup of sprayed application. 2 coats required.
Recommended final DFT	14 mil to comply with the 2006 IBC Section 803.2
Dry Times	Dry to touch – 45 minutes, 2 hrs. between coats depending on humidity/temperature.
Recommended Equipment	<b>Airless:</b> Graco® 1095/ASM3100 1.15 gpm/3300 psi with tips: LTX 525 to 531 <b>Air:</b> Binks® 2001 Gun 68ss - 68pb Air Cap Assembly
Sag Resistance	60 mils or more when sprayed on walls and 30 mils on ceilings.
Coverage	85 ft <sup>2</sup> /gallon at 14mils DFT depending on foam surface smoothness.
Priming for Thermal Barrier on <b>SEALECTION® 500</b> :	No bonding primer required.
Top Coating	Wait a minimum of 24 hrs. prior to painting with a quality latex basecoat. Must be dry prior to top coating. Moisture meter recommended. Caution: <i>Do not add tint to material.</i>
Fungus Resistance	Good

**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.

