

SEAL BOND™ 105 STRUCTURAL SEALANT AND ADHESIVE

Description

Seal Bond™ 105 is a multi-purpose one-component structural sealant/adhesive designed for difficult bonding and sealing applications. **SB-105** is moisture curing and was developed for industrial uses requiring elasticity, high strength and excellent adhesion.

SB-105 is an excellent choice for many product assembly applications. **SB-105** is tough, elastic and waterproof. **SB-105** often provides **primer-less** adhesion to steel, aluminum, ceramics, Styrofoam®, coated metal, glass, wood, fiberglass and many plastics (Acrylic, Polycarbonate, ABS and PVC). **SB-105** has excellent weathering characteristics and is suitable for use in all climates.

Custom Colors Available!
Features and Benefits

- Solvent and isocyanate free
- Non-silicone
- Non-Flammable
- Fast Curing
- Permanently elastic in a broad temperature range
- Paint compatible
- Low odor
- Extremely low shrinkage

Physical Properties

- Basic Material: Proprietary Polymer
- Consistency: Paste
- Color: Black, White and Custom
- VOC <24g/L EPA Method 24
- Components: 1
- Type: Elastomeric
- Specific Gravity: 1.4 to 1.6
- Shelf Life: 10 months in unopened containers stored between 60° and 80°F

Approximate Performance Properties

Shear Strength	230 psi	ASTM D-1002
Tensile Strength	450 psi	ASTM D-412
Elongation at Break	500%	ASTM D-412
Shore A Hardness	55	ASTM C-661
Initial Skin Forming	10 Minutes	
Slump (Sag)	None	ASTM C-639
Stain Testing	No Staining	
Tack Free Time	25 Minutes	ASTM C-679
Extrusion Rate	311 g/Min	@ 40 psi, 5mm orifice
Volatiles	<24 g/L	
Low Temperature Flex	-20°F	
Service Temperature	-40°F to 200°F (temporarily resistant to 390°F)	

Package Options

10.3 fluid ounce cartridges	5 Gallon Pails
600 ml sausages	50 Gallon Drums

Limitations on Our Warranty

We warrant that our products are manufactured to strict quality assurance specifications and that the information supplied about our products is not a representation or a warranty. It is supplied on the condition that you shall make your own tests to determine the suitability of our product for your particular purpose. Listed physical properties are typical and should not be construed as specifications. No warranty is made, expressed or implied, regarding such other information, the data on which it is based, or the results you will obtain from its use. No warranty is made, expressed or implied that our product shall be fit for any particular purpose. No warranty is made that the use of such information or our product will not infringe upon any patent. We shall have no liability for incidental or consequential damages, direct or indirect. Our liability is limited to the net selling price of our product or the replacement of our product, at our option. Acceptance of delivery of our product means that you have accepted the terms of this warranty whether or not purchase orders or other documents state terms that vary from this warranty. No representative is authorized to make any representation or warranty or assume any other liability on our behalf with any sale of our products. Before using, read the material safety data sheet and follow all precautions.