

SEAL BOND[®] 113 Multi-Purpose Adhesive/Sealant

Description

Seal Bond[®] 113 is a multi-purpose one-component structural sealant/adhesive designed for difficult bonding and sealing applications. **SB 113** is moisture curing and was developed for industrial uses requiring elasticity, high strength and excellent adhesion.

SB 113 is an excellent choice for many product assembly applications. **SB 113** is tough, elastic and waterproof. **SB 113** often provides *primer-less* adhesion to steel, aluminum, ceramics, Styrofoam[®], Kynar[®] coated metal, glass, wood, fiberglass, and many plastics (Acrylic, ABS, and PVC). **SB 113** is also suited for many applications requiring adhesion to concrete and cementitious building materials.

SB 113 is based on a unique polymer system that will cure at temperatures as low as 13°F. **SB 113** has excellent weathering characteristics and is suitable for use in all climates.

Features and Benefits

- Solvent and isocyanate free
- Non-silicone
- Non-flammable
- Fast curing
- Permanently elastic in a broad temperature range
- Low odor
- Extremely low shrinkage
- Non-staining
- Mildew resistant

Physical Properties

- Basic Material: Proprietary Polymer
- Consistency: Paste
- Color: White
- Components: 1
- Type: Elastomeric
- Specific Gravity: approx. 1.5
- Shelf Life: 10 months in unopened containers stored between 60° and 80°F

Approximate Performance Properties

Shear Strength	125 psi	ASTM D-1002
Tensile Strength	220 psi	ASTM D-412-06
Elongation at Break	400 %	ASTM D-412-06
Shore A Hardness	40	ASTM C-676
Initial Skin Forming	25 minutes	
Slump (Sag)	None	ASTM C1183-04
Extrusion Rate	350-616 g/min	@40psi, 5mm orifice
Volatiles	17g/L	
Low Temperature Flex	-20°F	ASTM C-711
Service Temperature	-40°F to 200°F (temporarily resistant to 390°F)	

Packaging Options

- 10.3 fluid ounce cartridges
- 28 fluid ounce cartridges
- 20 fluid ounce sausages
- 5 gallon pails
- 50 gallon drums

LIMITED WARRANTY

Seal Bond warrants that our products are manufactured and conform to strict quality assurance specifications. Improper use or storage may void warranty. Buyer understands that it is their sole responsibility to test and determine the suitability of the product for their practical purposes. Buyer's sole remedy for breach of warranty shall be strictly and exclusively limited to a refund of up to 100% of the purchase price of the non-conforming goods. This is the sole and exclusive remedy and liability for defects or failure of this product. This warranty is in lieu of all other warranties, written or oral, statutory, expressed or implied, including warranties of merchantability or fitness for a particular purpose. Manufacturer shall not otherwise be liable for losses or damages related to application methods and uses, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including negligence, warranty or strict liability. For complete warranty information visit www.seal-bond.com