

Seal Bond® Industrial Solutions

Seal Bond® 134

General Purpose Sealant

Product Description

Seal Bond® 134 is a general purpose one-component sealant with a broad range of color options. SB 134 was developed for applications desiring a fast-skinning low tack surface. SB 134 provides a relatively high durometer (hardness) post cure and offers outstanding primer-less adhesion to many substrates while maintaining a tough, flexible bond capable of adsorbing expansion/contraction. The unique polymer system utilized allows SB 134 to cure at temperatures as low as 13°F. The excellent weathering and waterproof characteristics make SB 134 suitable for use in all climates.

Product Information: Features

- One-Component Moisture Cure Hybrid
- 100% Solids “No Shrinkage”
- Fast Skinning
- Solvent & Isocyanate Free
- Ultra-Low VOCs
- Water Resistant
- Permanent Elastomeric Bond
- USDA Compliant

Substrate Compatibility

- ABS
- Acrylic
- Aluminum
- Ceramics
- Coated Metal
- Fiberglass
- Glass
- PVC
- Steel
- Styrofoam®
- Wood

Capability with additional substrates not listed. Application testing is recommended by Seal Bond as substrates may vary by manufacturer. Please reach out to your Seal Bond Representative for assistance.

Standards & Compliance

- May contribute to LEED V4 EQ Material Resource Credit 4.1 - Adhesives and Sealants
- Federal Specification TT-S-00230-C Type II, Class B
- Corps of Engineers CRD-C-541, Type II, Class B
- Conforms to OTC Rule for Sealants and Caulks
- Meets requirements of California Regs: CARB, BAAQMD and SCAQMD
- Conforms to USDA Requirements for Non-food Contact

Potential Applications

- General Sealing Applications
- Panel Bonding
- Decorative Finishing

For additional applications, please contact your Seal Bond Representative for further information.

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Typical Properties

Please contact your Seal Bond Sales Representative before writing specifications around this product. Product properties are as follows:

Property	Typical Value	Units	Test Method
VOC's	11.26	g/L	EPA Test Method 24
Skinover time (@ 50% R.H. 70 deg F)	4	Min.	ASTM D1640
Density	14.04	#/gal	ASTM D1475
Hardness	58	Shore A	ASTM C661
Peel Strength			
Aluminum	15.3	pli	ASTM C794
Glass	14.9		
Cold Rolled Steel	14.8		
Acrylic	14.45		
Wood	14.4		
PVC	14.2		
ABS	13.45		
Tensile	165	psi	ASTM D412
Elongation at Break	87	%	ASTM D412
Modulus	164	psi	ASTM D412
Service Temperature	-40 – 200	° F	

*Seal Bond® 134 typical values represent data from multiple batches. Values will be refreshed, as necessary, upon data collection from additional campaigns and long-term variability discernment. Typical values may vary based on color.

Seal Bond[®] 134

Material Application

Maintain SB 134 at room temperature before applying to ensure optimal dispensing and tooling. Test and evaluate to ensure adequate adhesion for application prior to use.

Surface Preparation

Surfaces should be clean and dry. Remove all grease, fluid, and debris from working surfaces. Improper cleaning could impede adhesion performance. For more thorough cleaning, wiping with a mild solvent such as isopropyl alcohol is suggested.

Plastic - Evaluate all plastic substrates to determine adhesion. Many plastic substrates will require minimal surface preparation for optimal adhesion performance. More difficult plastic substrates may require degreasing, abrasion, or treatment to ensure adhesion.

Metal - Prepare all metal to ensure maximum adhesion. Remove all rust, scale, and residue using a wire brush. Remove films, loose or inappropriate coatings and oils with an appropriate solvent such as isopropyl alcohol.

Most applications SB 134 will provide unprimed adhesion. Determination of primer requirement is the responsibility of the applicator based on the adhesion (performance) requirements of the application. Please reach out to your Seal Bond Representative should you have any application specific questions.

*Seal Bond recommends that coated substrates be tested for proper adhesion prior to starting a project to determine suitability for use.

Clean-up

Clean all working surfaces or tools with an appropriate solvent such as Isopropyl alcohol.

Equipment/Automation

Contact your Seal Bond Representative for support selecting proper automation or dispensing equipment suitable for your packaging style.

Material Storage/Disposal

Store securely between 60°F - 80°F in unopened container. Keep unused material tightly sealed in the original unopened package. Dispose of contents/container in accordance with Local/Regional/National/International Regulations. Refer to the Safety Data Sheet (SDS) for further information.

Shelf Life

The Shelf Life is 12 months from the date of manufacture if stored properly in original unopened packaging. Reference the date of manufacture (YYMMDD) printed on packaging. Example: 190522 is

Colors



Additional colors options may be available upon request. Please contact your Seal Bond Representative for more information.

Packaging Options

10.3 oz. (300 ml) cartridges - 30 tubes/case, 64 cases/pallet

Additional packaging options may be available upon request. Please contact your Seal Bond Representative for more information.

Warranty

Seal Bond warrants that our products are manufactured to strict quality assurance specifications. For warranty information visit: www.seal-bond.com/terms

Precautionary Statements

Do not use until all instructions and safety precautions have been read and understood. Wear protective gloves, protective clothing and eye protection. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. IF ON SKIN: Wash exposed body areas with soap and water. IF IN EYES: Rinse with water, remove contact lenses and continue rinsing. If exposed or concerned get medical advise/attention. Refer to Safety Data Sheet (SDS) for further information.