

Seal Bond[®] 400

Universal Adhesive/Sealant

Product Description

Seal Bond[®] 400 is a paintable, fast curing, single-component adhesive/sealant for industrial and construction applications. SB 400 delivers tough, elastic sealing performance, with excellent adhesion to steel, aluminum, wood, glass, and concrete. SB 400 is solvent and isocyanate free. For use on interior and exterior joints, including roofing, expansion wall, panel wall, window frames and more.

Product Information: Features

- 100% solids - no shrinkage
- Fast skin over - low dirt pickup
- Safe to Use - Solvent & Isocyanate Free
- Ultra-low VOC's, 22.17 g/L
- May contribute to LEED V4 EQ Material Resource Credit 4.1 - Adhesives and Sealants
- Bonds to most common building substrates
- Remains flexible to absorb expansion and contraction

Standards & Compliance

- May contribute to LEED V4 EQ Material Resource Credit 4.1 - Adhesives and Sealants
- ASTM C920, Type S, Grade NS, Class 25
Uses NT, T, G, A & O
- 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

Ease of Installation

- Single component high solids formula
- Easily gunable between 40° F and 100° F
- Cures rapidly to reach optimum strength within 7 - 14 days, full cure 21 days
- SB 400 can be installed on damp surfaces which is defined as when no moisture is transferred to the skin when the substrate is touched

High Performance Durability

- Does not dry or become brittle
- Water resistant
- Permanent elastomeric bond

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	22.17	g/L	EPA Test Method 24
Skinover time @ 50% R.H. 70 deg F	30	Min.	ASTM D1640
Density	12.78	#/gal	D1475
Hardness	48	Shore A	ASTM C661
Shear Strength	177	psi	ASTM D1002
Peel Strength			
Aluminum	32.9		
Mortar	31.8		
Glass	28.4	pli	ASTM C794
Pine	32		
PVC	26.7		
Cold Rolled Steel	29.5		
Tensile	244	psi	ASTM D412
Elongation at Break	319	%	ASTM D412
Chemistry	Hybrid Polymer		
Movement	+/- 25%		ASTM C719

SB 400 typical values represent data from multiple batches. Values will be refreshed, as necessary, upon data collection from additional campaigns and long-term variability discernment.

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Application

Remove all dirt, oil, loose paint, frost and other contamination from all working surfaces. Maintain SB 400 at room temperature before applying to ensure easy gunning and tooling. Test and evaluate to ensure adequate adhesion. Carefully gun the sealant with a smooth, continuous bead. If tooling is needed, do so within fifteen minutes of application.

Concrete

Prior to application remove any residual contamination by mechanical abrasion, sand blasting or power washing. On green concrete, remove all release agents and loose concrete. Dry all visible and/or standing water. Install an appropriate backer rod to avoid three-point bonding.

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 alcohol.

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

Wood

Wood should be clean, sound and dry prior to sealant application. Allow treated wood to weather for six months prior to application. Remove all coatings and paint to ensure proper adhesion. SB 400 is not recommended for use on fire retardant lumber.

Priming

In most applications SB 400 will not require a primer. However, certain substrates may require a primer to ensure a long lasting bond and weatherproof seal. It is the applicator's responsibility to determine whether or not a primer is needed in their specific application.

Clean-up

Clean tools with mineral spirits, naphtha, citrus-based cleaners, or gel-based paint stripper. Avoid using water for cleanup.

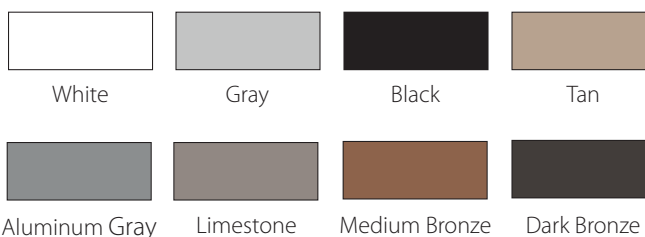
Material Storage/Disposal

Store securely between 60° F - 80° F in unopened container. Recommended shelf life is 10 months from date of manufacture on bottom of tube. Keep tube tightly sealed. Dispose of contents/container in accordance with Local/Regional/National/International Regulations. Refer to Safety Data Sheet (SDS) for further information.

Shelf Life and Storage

The shelf life is 10 months for an unopened container from the date of manufacture. Reference the date of manufacture. YYMMDD ex. 190522 is May 22, 2019.

Colors



Packaging

10.1 oz. (299 ml) cartridges - 30 tubes/case, 64 cases/pallet
 28 oz (825 ml) cartridges - 12 tubes/case, 60 cases/pallet
 20 oz (600 ml) sausages - 12 sausages/case, 90 cases/pallet

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.