Seal Bond
adhesives sealants coatings

TECHNICAL DATA SHEET

Seal Bond® Construction Solutions

Seal Bond® 430 Fibered Repair Mastic

High Strength Sealant/Adhesive

Product Description

Seal Bond® 430 Fibered Repair Mastic is a thick sealant designed to stop water and quickly repair roof leaks on many conventional roof types. SB 430 adheres to nearly every substrate and can be applied on wet surfaces or even under temporary standing water. SB 430 is thick enough to patch most leaks and it's fibered chemistry makes it stronger than a typical sealants. Additionally, it does not need to be stirred making it easy to apply.

Product Information: Features

- 100% solids - no shrinkage
- Fast skin over - low dirt pickup
- Safe to Use - Solvent & Isocyanate Free
- Ultra-low VOC's, 27.7 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
- Compatible with and bonds well to most roofing substrates

Standards & Compliance

- May contribute to LEED V4 EQ Material Resource Credit 4.1 - Adhesives and Sealants
- ASTM C920, Type S, Grade NS, Class 35
  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 gunnable between 40° F and 100° F
- Cures rapidly to reach optimum strength within 7 - 14 days, full cure 21 days
- SB 430 can be installed on damp surfaces

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	27.7	g/L	EPA Test Method 24
Skinover time @ 50% R.H. 70 deg F	5	Min.	ASTM D1640
Density	14.66	#/gal	ASTM D1475
Hardness	72	Shore A	ASTM C661
Shear Strength	96.4	psi	ASTM D1002
Peel Strength Aluminum Mortar Glass Pine Cold Rolled Steel	 20 15.7 20.5 16.5 17.9	pli	ASTM C794
Tensile	259	psi	ASTM D412
Elongation at Break	163	%	ASTM D412
Viscosity	2,800,000 2,000,000 980,000	cps @ 1 RPM cps @ 2 RPM cps @ 10 RPM	ASTM D2196
Chemistry	Hybrid Polymer		

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Application

Remove all dirt, oil, loose paint, frost and other contamination from all working surfaces. Maintain SB 430 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 430 is not recommended for use on fire retardant lumber.

Priming

In most applications SB 430 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 an appropriate solvent such as alcohol.

Material Storage/Disposal

Store securely between 60° F - 80° F in unopened container. Recommended shelf life is 12 months from date of manufacture on bottom of tube. Keep package 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 12 months for an unopened container from the date of manufacture. Reference the date of manufacture. YYMMDD ex. 190522 is May 22, 2019.

Colors

White | Gray | Black

Packaging

2 Gallon Pails - 60 Pails/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.

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Seal Bond | 1251 E. Mt. Garfield Rd. | Norton Shores, MI 49444 USA | PH: 800.252.4144 | FAX: 616.850.0530 | www.seal-bond.com