

SB-20 FLEX-BOND ADHESIVE

High Strength Silicone/Polyurethane Hybrid Adhesive

*Specifically designed for
demanding exterior applications requiring a flexible bond.*

High Strength Adhesion | Flexible & Durable
Fast Cure | VOC Compliant



Ideal For:

- ✓ Caps
- ✓ Steps
- ✓ Columns
- ✓ Seat Walls
- ✓ Retaining Walls
- ✓ Outdoor Kitchens
- ✓ Any exterior application where a flexible bond is beneficial



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SB-20 FLEX-BOND Adhesive

★ CONTRACTOR GRADE FOR RESIDENTIAL AND COMMERCIAL PROJECTS ★

USES

Ideal for retaining walls, seat walls, columns, caps, steps and outdoor kitchens where a flexible bond is beneficial. SB-20 Flex-Bond is especially effective in freeze/thaw environments where substrate movement is an issue. Suitable for concrete and clay pavers, coping systems, masonry and brick, natural and manufactured stone, slate and porcelain tile. Also bonds to other building materials such as PVC, glass, aluminum, painted surfaces, wood and metal.

PRODUCT DESCRIPTION

SB-20 Flex-Bond is a fast cure, high strength hybrid adhesive combining the flexibility of silicone and the bond strength of polyurethane. Its solvent free formula provides superior durability to withstand the most extreme service conditions. SB-20 Flex-Bond's high viscosity helps you level and shim coping and caps. Applies easily with a standard caulking gun to unfrozen surfaces, wet or dry. SB-20 Flex-Bond's moisture cure system achieves full cure in 24 hours.

PREPARATION

Before application, inspect pavers or stone to ensure they are smooth, flat and of the same height. Substrate must be structurally sound with no spalling, cracking or scaling. For ultimate adhesion, surface should be clean, free from dirt, oil and grease, excessive water, ice or any other material. If cleaning is required, prepare surface with SureClean Deep Penetrating Multi-Use Cleaner. Rinse thoroughly. **To ensure final assembly, dry fit all pieces prior to applying SB-20 Flex-Bond.** Proper drainage must be provided so that water does not drain into and collect in adhered areas.

APPLICATION INFORMATION

Cut nozzle to desired size and puncture inner seal. Apply a 1/8" to 3/8" bead of SB-20 Flex-Bond using a caulking gun. On most applications, apply SB-20 Flex-Bond in an 'S' shape bead. Where there is a potential for moisture infiltration, apply multiple lines of SB-20 Flex-Bond parallel with the drainage flow. Set substrate in place and tamp gently with a rubber mallet to compress the adhesive. Positioning and aligning should be done within 15-20 minutes of application.

DRYING TIME SB-20 Flex-Bond skins over at 30 minutes and initial set up time is 45 minutes. Full cure is achieved at a rate of 1/8" thickness per 24 hours. Cure rate will vary slightly with ambient conditions. Fully cured, SB-20 Flex-Bond is non-flammable and non-toxic.

CLEAN UP Use general purpose detergent/soap solution or any other biodegradable cleaner to clean up tools or excess product from substrate. Care should be used to follow manufacturer's instructions and precautionary information.

COVERAGE*

	10.3 fl. oz.	28.0 fl. oz.
1/8" bead	103 linear feet	288 linear feet
1/4" bead	26 linear feet	86 linear feet
3/8" bead	13.5 linear feet	38 linear feet

*Actual coverage may vary depending on substrate type, age and condition, as well as application method.

APPLICABLE STANDARDS

Conforms to ASTM C-719 and ASTM D-412 specifications, among others.

PACKAGING/SIZES

10.3 fl. oz. cartridge packaged 12 per case

28.0 fl. oz. cartridge packaged 12 per case

TECHNICAL SPECIFICATION

VOC Compliant: < 26 g/l

Tensile strength: 287 PSI (ASTM D-412)

COLOR Gray

SHELF LIFE 18 months

STORAGE Store cartridges upright in temperatures between 35° F and 90° F. Rotate stock using older inventory first.

PRECAUTIONARY INFORMATION **KEEP OUT OF REACH OF CHILDREN. WARNING!** Suspected of damaging the unborn child. Wear protective gloves, protective clothing and eye protection. See Safety Data Sheet for complete information.

EMERGENCY & FIRST AID MEASURES Get medical attention immediately if irritation or symptoms occur. Before seeking medical advice, remove contaminated clothing and shoes. Take a copy of the Safety Data Sheet when going for medical treatment. **IF INHALED:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult give oxygen. **IF ON SKIN:** Immediately flush skin with plenty of water for at least 15 minutes. Wash with soap and water. **IF IN EYES:** Immediately hold eyelids apart and flush with plenty of water for at least 15 minutes. **IF SWALLOWED:** If conscious, give no more than two glasses of water but do not induce vomiting. If vomiting does occur, give additional fluids. Get medical attention immediately. **IN CASE OF FIRE:** Use water mist, carbon dioxide, dry chemical or alcohol resistant foam.

Other Hazards: Product hydrolyzes produces methanol (CAS no. 67-56-1). Methanol is toxic by inhalation, in contact with skin and if swallowed. Methanol causes damage to organs. Methanol is highly flammable. See Safety Data Sheet for complete information.

LIMITATIONS Do not use below grade, where water is always present. SB-20 Flex-Bond is not suitable for use where there is direct contact with fire. Service temperature range is -75°F to 225°F.

WARRANTY SEK-Surebond warrants its products to substantially conform to its published specifications at the time of purchase. The foregoing is the sole limited warranty applicable to the products. **SEK-SUREBOND HEREBY DISCLAIMS ALL OTHER WARRANTIES OF ANY KIND OR NATURE, WHETHER EXPRESS, IMPLIED, OR STATUTORY, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ANY OTHER WARRANTY OTHER THAN THE WARRANTY SET FORTH ABOVE.** The user is solely responsible for determining suitability of the products for their particular use. While the actual application of this product is out of the control of SEK-Surebond, it is recommended that the application guidelines be followed completely and accurately. SEK-Surebond's liability for any damage shall not exceed the purchase price of the product used, and it shall have no liability for consequential, incidental or punitive damages.

ASSISTANCE & ADDITIONAL INFORMATION For sales, specification assistance, technical questions, etc., please contact:

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