

1. PRODUCT NAME

Rapid Patch® Rapid Loc™ Concrete & Veneer Bond

2. MANUFACTURER

Bluestone Products™, a TCC Materials Company
 2025 Centre Pointe Blvd.
 Mendota Heights, MN 55120 USA
 Phone: 1.651.688.9116
 Web: tccmaterials.com

3. PRODUCT DESCRIPTION

Rapid Patch® Rapid Loc™ Concrete & Veneer Bond is an innovative high-grab sealant which has high initial tack to hold materials in place while the adhesive cures, specifically designed for adhering stone, ceramic tile, and other construction materials to vertical surfaces. Rapid Loc Concrete & Veneer Bond is based on silyl-modified polymer technology that cures on exposure to atmospheric moisture to form a fast, tough, durable adhesive. Rapid Loc Concrete & Veneer Bond exhibit excellent adhesive properties to most common substrates including stone, brick veneer, aluminum, brass, vinyl, steel, stainless steel, glass, mirrors, mortar, concrete, wood, OSB, plywood, ceramic tile, brick, foam board, pavers, painted surfaces, fiberglass, and many plastics. Rapid Loc Concrete & Veneer Bond is highly weather resistant, remains flexible in low temperature extremes, and can be painted with most paints.

Features and Benefits

- Initial high-tack, non-sag properties
- Fixing of heavy objects without temporary fixation
- Holds tight in less than 10 seconds
- Contains no solvents or isocyanates
- Negligible shrinkage during cure
- Non-yellowing
- Excellent tack-free and cure times
- Flexible in low temperatures
- Excellent cohesive strength after cure
- No cracking
- High UV resistance and color stability

When/Where to Use

- Interior and exterior concrete or stone applications
- General construction applications
- Ceramic, porcelain, glass, and fiberglass
- Landscape block applications
- Countertop and solid surface installation
- Subfloor adhesive
- Roofing applications
- Mirror installations
- Glass bonding

4. TECHNICAL DATA

Available Sizes

- 9.5 fl. oz. (0.29 L) tube (BOM #130170)

Typical Values • Rapid Loc Concrete & Veneer Bond

Appearance	High Viscosity Paste
Color	Gray
Curing Mechanism	Moisture Cure
Tack-Free Time	≤ 20 minutes
Density (g/cc)	1.30+/-0.02
Cure through Volume (mm)	>3 (1 day @ 73°F and 50% RH)
Tensile Strength (PSI)	≥ 575
Elongation	≥ 110%
Shore A	60+/-5
Temperature Resistance (°F)	-40 to 215°F (short exposure up to

Greater than: > Greater than or equal to: ≥ Less than: < Less than or equal to: ≤
 Note: Test results obtained under controlled laboratory conditions at 72°F (22°C) and 50% relative humidity. Reasonable variations can occur due to atmospheric and job site conditions.

Note: These dry times are dependent on ambient air conditions of 70°F. Cooler temperatures or high humidity will impact the drying time.

5. INSTALLATION

Preparation

Read all directions before starting work. Proper surface preparation is crucial to achieving a successful application. The surfaces to be applied on should be clean, dry, and free from dust and grease. The ability for the adhesive to bond is only as good as the substrate it is applied on. It is advisable to carry out preliminary adhesion tests on the substrate. Avoid exposure of unused material to air or moisture. A premium caulking gun that is suitable for high viscosity materials is highly recommended. For good workability, the adhesive should have a material temperature of 68° F.

Note: It is the responsibility of the installer/applicator to ensure the suitability of the product for its intended use.

Application

Apply product as beads to stone, concrete, or other substrate in intervals of a few inches each. Use hand pressure only to set the object to be bonded into position before skinning occurs. An incorrectly positioned piece can easily be unfastened and repositioned during the first few minutes after application. Heavy objects greater than 20 lbs. in weight may need adhesive tapes, wedges, or props to hold object in place until initial cure has been achieved.

Clean Up

Excess cured material must be cut or scraped away followed by wiping with isopropyl alcohol, aromatic or ketone-type solvents. The use of these solvents (or other solvents) may be hazardous to your health. KEEP AWAY FROM OPEN FLAME.

High-grab multi-surface repair for sealant for stone, concrete, and other vertical applications

Tools and application equipment may be cleaned with the same solvent. Follow the precautions and instructions of the solvent manufacturers.

Limitations

Some applications may not be compatible with this product. In most cases, no primer is required. Some cleaners or solvents may not be compatible with this product. Testing suitability for intended application before proceeding with full application is recommended. Do not use in direct contact with fire or in long-term high-temperature applications.

Use with adequate ventilation. Inhalation of vapor during application and cure may cause eye or throat irritation. In case of contact with eyes, lips, or mouth, flush thoroughly with water. If irritation persists, consult a physician. Avoid repeated, prolonged contact with skin. See SDS for additional information. KEEP OUT OF REACH FROM CHILDREN.

Safety

READ THE SAFETY DATA SHEET (SDS) BEFORE USING THIS PRODUCT. SDS information is available on our website: tccmaterials.com

Cautions

Read complete cautionary information printed on product container prior to use.

This Product Data Sheet has been prepared in good faith on the basis of information available at the time of publication. It is intended to provide users with information about and guidelines for the proper use and application of the covered Akona brand product(s) under normal environmental and working conditions. Because each project is different, TCC Materials cannot be responsible for the consequences of variations in such conditions, or for unforeseen conditions.

6. AVAILABILITY

To locate products in your area, please contact:

Phone: 1.651.688.9116

Email: info@tccmaterials.com

7. WARRANTY

Seller warrants that its product will conform to and perform in accordance with the product specifications. The foregoing warranty is in lieu of all other warranties, expressed or implied, including, but not limited to those concerning merchantability and fitness for a particular purpose. Because of the difficulty in ascertaining and measuring damages hereunder, it is agreed that Seller's liability to the Buyer shall not exceed the total amount billed and billable to the Buyer for the product hereunder.

Shelf Life	Best when used within one year in original, unopened tubes.
Storage Conditions	Store dry, cool, out of direct sunlight. Best to condition material to 50-80°F (10°-27°C) before using.
Color	Gray

WARNING: INJURIOUS TO EYES

KEEP OUT OF REACH OF CHILDREN



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REV 04.21