

DESCRIPTION

Elevation™ L1 Caulk is a high performance interior or exterior joint sealant for use in both moving and nonmoving joint applications. L1 Caulk provides a long lasting weather tight seal to a variety of building substrates, and may be applied to clean damp surfaces without risk of gassing or bubbling.



- Seamless; no breakdown or penetration of seams
- Economical; Labor Saving
- Excellent adhesion
- Primerless
- Non-Gassing
- Fast Curing
- Highly Flexible over extreme temperatures
- No Odor
- Resists Dirt
- No Mixing
- Meets ASTM C-836 & E-96 criteria
- Meets SCAQMD VOC Requirements

COMPLIANCES

- *ASTM C-920, Type S, NS, Grade NS, Class 25, use NT, T, M, G, A, and O
- *Federal Specification TT-S-00230-C Type II, Class A,
- *Corps of Engineers CRD-C-541
- *Canadian Standards Board CAN 19, 13-M82
- *LEED 2.2 for New Construction and Major Renovations: Low Emitting Materials (Section 4.1) 1 Point
- *NAHB Model Green Home Building Guidelines: 5 Global Impact Points
- *VOC Content: less than 25 grams / Liter ASTM D2369 EPA Method 24 (tested at 240°F / 115°C)

COLOR

Limestone, Grey.

PACKAGING

Container Sizes:

20 oz sausages, 12 per box

INSTALLATION *(Continues)*

JOINT DESIGN

Install all joint applications per ASTM and SWRI recommendations and guidelines. Joints shall be designed with a depth to width ratio of 1:2 (joint depth one-half the width). Refer to the Joint Prep Table (p.2) for guidelines. It is recommended that the joint shall be no less than ¼" wide by ¼" deep (6 mm x 6 mm). The maximum depth of sealant shall be ½" (13 mm). Control the depth of the sealant by using a backer rod that is 25% larger than the joint opening at standard temperature. Where the joint configuration will not permit a backer rod, it is recommended that an alternative bond breaker be used. Prevention of three-sided adhesion is necessary. Use of a backer rod or bond breaker tape to ensure proper joint movement and a long lasting weatherproof seal.

APPLICATION

L1 Caulk is a one-component, ready-to-use material that requires no mixing or preparation. It is recommended that a quality caulking gun be used to ensure ease of application. Apply when temperatures are above 40 degrees F. When all the joint preparation is complete, cut the plastic nozzle at a 45-degree angle to approximately the size of the joint opening. Begin gunning to fill the joint from the bottom to the surface, ensuring there are no voids or air pockets. Dry tooling is recommended to create a strong mechanical bond against the joint faces.*Do not use L1 Caulk in temperatures below 30 degrees F. L1 can be painted after 24 hours, and can be used in vertical or overhead working conditions.

INSTALLATION *(Continued)*

- Metal:** Prepare all metal in a manner to ensure maximum adhesion.* Remove all rust, scale and residue by wire brushing to a bright metal sheen. Remove films, coatings and oils with an appropriate solvent such as alcohol. **It is recommended that Kynar-coated substrates be tested for adhesion prior to starting the project. Please contact Technical Services for specific application guidelines and recommendations.*
- Concrete:** Concrete and masonry substrates shall be cured prior to the application of the sealant. Remove any contamination by mechanical abrasion, sand blasting or power washing.
- Wood:** Wood shall be clean, sound and dry prior to sealant application. Treated wood shall be allowed to weather for 6 months. Coatings and paint shall be removed (or tested for compatibility) to ensure a proper bond.

CURING

Wet sealant can be removed using a solvent such as alcohol, or soap and water. Cured L1 can be removed by abrading or scraping the substrate.

EQUIPMENT CLEANUP

L1 typically skins over within 15-45 minutes and cures through in 3 to 7 days depending upon temperature, humidity and thickness. Lower temperatures and humidity prolong cure time. Higher temperatures accelerate cure time. Equipment should be cleaned with an environmentally safe solvent, as permitted under local regulations, immediately after use.

STORAGE

Store in original unopened containers in a cool, dry area. Protect unopened containers from heat and direct sunlight. Elevated temperatures will reduce shelf life.

SHELF LIFE

1 Year of Date of Manufacture when stored in normal environments.

LIMITATIONS

Elevation™L1 Caulk should not be used in direct contact with single component moisture cure urethane coatings without use of an epoxy primer, while the sealant has not formed a skin. Direct contact with water catalyzed L1 Caulk while the sealant is wet is permissible. Avoid prolonged contact with skin. Uncured adhesive irritates eyes. In case of contact with eyes, immediately flush with water. Call a physician.

KEEP OUT OF REACH OF CHILDREN.

