



# COVAL STONE PRIMER

## Technical Data Sheet

Revised 08-2023. Please reference the latest copy available at [www.covaltechnologies.com](http://www.covaltechnologies.com)

*Water-based coating used as a primer for Coval Stone.*

### I. PRODUCT DESCRIPTION

**Coval Stone Primer**, a water-based lithium and acrylic primer, is designed to work in conjunction with Coval Stone. It will enhance the natural color of the stone, increase the gloss, and will seal off stone capillaries to receive a more consistent finish.

### II. RECOMMENDED USES

Any porous or semi porous surface

- A. Granite
- B. Marble
- C. Porcelain
- D. Limestone
- E. Terrazzo

### III. PRODUCT CHARACTERISTICS

#### A. PROPERTIES

1. Milky – Dries Clear
2. Finish: Invisible
3. Vehicle Type: Water Base
4. pH: 6.5 – 7.5
5. Flash Point: N/A
6. Freeze Point: 0°C / 32°F.
7. Weight/Litre (Gallon): 8.34 lb/gallon
8. Breathable

#### B. DRY TIME

Dry Time: 45-60 minutes at 77°F and 60% Relative Humidity.

#### C. COVERAGE

1. Variations of porosity will affect coverage rate.
2. Highly polished surfaces coverage will average 1,000 sq. ft./gallon.

### IV. APPLICATION INSTRUCTIONS

**IMPORTANT:** Remove all existing silicone sealers or topical coatings to expose the pores.

#### A. CERTIFIED INSTALLATION

Coval Stone Primer is part of the Coval Stone application and should only be applied by certified Coval Stone installers. The certification training is conducted via Zoom or through local distributors. For more information, please visit [covaltechnologies.com/stone](http://covaltechnologies.com/stone) or contact Robert Falzone via email at [rfalzone@covaltechnologies.com](mailto:rfalzone@covaltechnologies.com).

#### B. GENERAL

1. Product may settle during shipping. Agitate gently before use. Containers that are previously opened may form a skin on the top.

Remove this skin, then mix. The remaining product will perform as advertised.

2. For small areas such as countertops, pour a small amount onto the surface and spread with a foam applicator or brush onto the surface. Push the Stone Primer into the stone to ensure any pinholes are coated. Apply evenly. Once dry, burnish with a heat pad. On highly porous stone, a second coat may be required.
3. For larger areas, wet a microfiber pad with Coval Stone Primer. Next, use a normal pump sprayer to wet the surface and then microfiber the primer into the surface. Push down on the microfiber pad to assure the primer is filling any pin holes. Do not allow the Primer to puddle. Allow to dry and burnish with a heat pad. Apply a second coat if needed.
4. If the primer is rejected, it indicates that a contamination in the stone must be addressed.
5. The primer needs to be buffed out, the contamination addressed, and the primer reapplied.

#### C. SURFACE PREPARATION

1. Surface must be clean, dry, and in sound condition.
2. Remove all oil, dust, grease, dirt, and other foreign material.
3. Any existing surfaces that may have retained or are wicking oil must be completely free from any further wicking action as this will prevent penetration of the sealer.

#### D. TEST AREA

Due to the wide variety of substrates, always test Coval Stone Primer in an inconspicuous location to ensure performance.

#### E. SPRAYING

Coval Stone Primer is water-based and pH neutral. It can be applied with a multi-purpose, hand-held pump sprayer.

#### F. INTERRUPTION OF WORK

1. Upon drying, treated surfaces will have a natural appearance matching the untreated surfaces.
2. It is advisable to stop application on a corner joint or any other obvious marker so the applicator can begin where the application previously ceased.



# COVAL STONE PRIMER

## Technical Data Sheet

Revised 08-2023. Please reference the latest copy available at [www.covaltechnologies.com](http://www.covaltechnologies.com)

### G. CLEAN UP

Clean tools and equipment with water and rinse thoroughly.

### V. STORAGE

Coval recommends the following:

- A. Do not allow Coval Stone Primer to freeze.
- B. Store in a cool, dry location. Do not store in the sun, warm storage area, or in a sun-heated vehicle.
- C. Shelf life: 12 months.

### VI. SAFETY AND ENVIRONMENTAL

- A. Fresh air and exhaust should be provided in enclosed work areas. If inhaled, remove the affected person to fresh air and if physical difficulties occur, call a physician immediately.
- B. In the event of contact with skin, wash skin thoroughly with soap and water.
- C. Chemical safety goggles or splash shields are recommended. Do not wear contacts without eye protection. Immediately flush eyes with water for 15 minutes after contact and get medical attention.
- D. If accidentally swallowed, rinse mouth thoroughly and obtain immediate medical attention.
- E. In enclosed areas, make sure to have an observer watching the applicator for any signs of physical distress.
- F. See SDS for detailed safety information.

For more information, go online to [www.covaltechnologies.com](http://www.covaltechnologies.com).