



COVAL NATURAL LOOK SEALER

Technical Data Sheet

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www.covaltechnologies.com

Water-based hydrophobic sealer that prevents staining, mold, mildew, and algae for years.
Designed for stone and other architectural hard surfaces.

I. PRODUCT DESCRIPTION

Coval Natural Look Sealer is a clear, water-based, breathable sealer designed for stone and other hard architectural surfaces to protect it from the destructive forces of moisture, mold, mildew, and algae, and is stain resistant. **Coval Natural Look Sealer** provides a long lasting, invisible, breathable, UV resistant surface that repels water, mold, airborne dust, and dirt. **Coval Natural Look Sealer** can be applied in both exterior and interior applications. Virtually any architectural hard surface that has pores that can be sealed with this sealer.

Coval Natural Look Sealer contains a USA EPA approved antimicrobial known as Vantocil™ IB which is a Polyhexanide Biguanide or PHMB. It works by "Electrostatic Destruction." The positively charged PHMB polymers can break down microbials without requiring actual contact between the microbial and the coating. It acts as an invisible force field preventing algae, mold, and mildew forming on its surface when properly maintained.

Warning: Coval Natural Look Sealer **CANNOT** be used as a base sealer for other coatings or used on non-porous surfaces.

II. RECOMMENDED USES

Any porous or semi-porous surface. Do not use on glass, urethane- coated wood or any non-porous or reflective surface.

- A. Uncoated natural stone
- B. Manmade surfaces made with natural materials
- C. Uncoated masonry products with open pores
- D. Uncoated natural Slate
- E. Stucco
- F. Unmodified sanded or unsanded grout
- G. Unglazed clay tile
- H. Porous glazed clay tile

III. PRODUCT CHARACTERISTICS

A. PROPERTIES

- 1. Color: Milky white – dries clear
- 2. Finish: Invisible
- 3. Vehicle Type: Water Base
- 4. Flash Point: N/A
- 5. Freeze Point: 0°C/32°F
- 6. VOC: Zero g/L
- 7. Specific Gravity: .99-1.01
- 8. Breathable

B. DRY TIME

- 1. Drying Time: 1-2 hours
Drying Time at 77°F & 50% Relative Humidity

C. COVERAGE

Substrate:	Sq. Ft/gal
Porous Concrete	300-400
Split Face Block	200-250
Pre-cast Concrete	300-500
Concrete Block	200-250
Brick (Clay)	200-300
Sandstone, Limestone, Slate, Stucco	250-300
Flagstone, Concrete Pavers	250-300
Unglazed Ceramic / Porcelain	400-600
Travertine, Tumbled Marble	300-400
Limestone	300-400
Honed Granite and Marble	400-600

IV. APPLICATION INSTRUCTIONS

A. SURFACE PREPARATION

- 1. **Surface must be clean, dry, and in sound condition.** Remove all oil, dust, grease, dirt, and other foreign material. 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.
- 2. **Coval Natural Look Sealer** will not penetrate through existing silicone-based sealers or topical coatings. To determine if the surface is sealed with another sealer, sprinkle water onto surface. If the water is absorbed and the surface becomes darker, it has not been sealed and you can proceed applying the **Coval Natural Look Sealer**. If the water beads, there is an existing sealer that must be removed to allow proper penetration. Remove silicone sealers then rinse thoroughly 2-3 times with fresh, clean water. After flushing, dry surface with shop vacuum and fans if possible.
- 3. **Granite, Marble & Porcelain:** Natural stone, manufactured surfaces that have natural qualities and clay-based tiles in the porcelain family that have not had the pores pre-sealed by the manufacturer or have had the existing sealer wear off are prime candidates for **Coval Natural Look Sealer**. Since every stone and porcelain job is unique, please use the Standard Cleaning Process for the surface as recommended by the IICRC (Institute of Inspection Cleaning & Restoration Certification) Contact Coval Technical Support for additional information.
- 4. **Exterior Surfaces:** Clean surface to remove all dirt, dust, grease, oil, loose particles, foreign material, coatings, form release agents, moisture curing membranes, mildew, etc., then rinse well with fresh water. Allow the surface to dry thoroughly. Surface must be prepared properly and clean and dry.



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If applying outdoors, the ambient temperature range should be 45° F to 105° F, RH 90% or less, and there is no chance of rain or morning dew for a minimum of 5 hours after the estimated time of completion of the sealing process. Apply earlier in the day, after dew has dried.

B. GENERAL

1. **IMPORTANT:** Remove all existing silicone sealers or topical coatings to expose the pores.
2. Spray **Coval Natural Look Sealer** with a handheld pump sprayer to wet out the surface and then back roll with a foam roller to assure the sealer is seeping into the surface. Continue to work in the sealer by rolling back and forth, up, and down until there is no puddling or excess sealer standing on the surface.
3. Continue applying **Coval Natural Look Sealer** and working it in with the roller until the surface will not absorb any more sealer.
IMPORTANT: Do not allow **Coval Natural Look Sealer** to puddle. Approximately 10 to 15 minutes later, while surface is still wet, repeat this process (wet-on-wet application). Depending on the surface, the second coat will not require as much sealer as the first coat. If any unabsorbed sealer is left on the surface, roll it off an edge or wick it up with a cloth. Be sure to remove all excess sealer that is puddling, or it will dry into a white haze.
4. **Coval Natural Look Sealer cannot be used** on synthetic manufactured surfaces in the plastic family that have no pores in which the product can be absorbed. Some plastic surfaces look just like natural stone, so verify the surface in person beforehand and not via photographs.

C. TEST AREA

Due to the wide variety of substrates, always test **Coval Natural Look Sealer** in an inconspicuous location to ensure performance. There should be very little to no enhancement or change in appearance to the existing surface after it has dried.

D. SPRAY APPLICATION

Coval Natural Look Sealer is water-based and pH neutral. A Coval Pump sprayer or a handheld pump sprayer can be used.

E. INTERRUPTION OF WORK

Upon drying, treated surfaces will have a natural appearance matching the untreated surfaces. It is possible that areas might remain untreated if work is interrupted. 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.

F. CLEAN UP

Clean tools and equipment with water and rinse thoroughly.

V. CARE AND MAINTENANCE

1. To clean sealed *outside surfaces*, hose off with a garden hose equipped with a pistol grip sprayer.
2. If the surface is contaminated by grease or oily soils, use hot water or a mild detergent to dissolve the oily build-up. Neutralize the mild detergent with a neutral cleaner, then flush with fresh water.
3. On *interior surfaces*, a damp mop works well on floors, and other surfaces can be wiped clean with a damp cloth or sponge.
4. If there are greasy or oily soils present, then periodic maintenance with a mild detergent and hot water will dissolve the oily soil deposits.
5. Neutralize the mild detergent with a neutral cleaner, then flush with clean water.

CAUTION: Do not use high pressure power washers as they will break down the sealer over time. Power washing is generally not necessary after the surface has been sealed but may be used at a setting of 800 PSI or lower to clean rough or irregular surfaces such as split face block.

NOTE: If you notice water wicking into the surface, especially on high traffic areas, simply follow application instructions and re-apply the sealer. There is no stripping of the **Coval Natural Look Sealer** required. Simply re-apply, and the sealer will only absorb into the surface where it is worn away.

VI. SAFETY AND ENVIRONMENTAL

1. In the event of contact with skin, wash skin thoroughly with soap and water.
2. Always wear safety goggles or splash shield to avoid splashing into your eyes. Do not wear contacts without eye protection.
3. If sealer gets into your eyes, immediately flush eyes with water for 15 minutes. If eye irritation occurs after rinsing, seek medical attention.
4. If accidentally swallowed, rinse mouth thoroughly with water. In case of discomfort, obtain immediate medical attention.
5. Consult the Safety Data Sheet (SDS) for more information concerning proper Personal Protective Equipment and precautionary measures that are recommended for proper protection while handling this product.

For more information, go online to www.covaltechnologies.com.