

# Multi-Purpose Sealer

## Water Based Penetrating Sealer

### **PRODUCT DESCRIPTION:**

Coval Multi-Purpose Sealer is a clear, water-based, breathable sealer designed to protect porous stones, and much more from the destructive forces of weather and moisture. MULTI-PURPOSE SEALER provides a long lasting, invisible, breathable UV resistant surface that is repellent to water, mold, airborne dust, dirt, efflorescence, alkali, and freeze/thaw conditions. MULTI-PURPOSE SEALER can be applied in both exterior and interior applications.

**Warning:** CANNOT BE USED AS A BASE SEALER FOR ANY COVAL COATINGS nor on flexible surfaces, such as fabric and textiles.

### **RECOMMENDED USES:**

Most porous surfaces to protect from moisture intrusion, stains, dirt, mold & algae.

- stone
- concrete
- masonry products
- Slate
- Stucco
- unmodified grout
- unglazed tile

### **PRODUCT CHARACTERISTICS:**

Color:	Clear
Finish:	Invisible
Vehicle Type:	Water Base
Flash Point:	N/A
Freeze Point	-9C/15F
VOC:	Zero g/L
Weight	8.251 lb./gallon
Breathable	

### **Dry Time**

Dry Time: 1-2 hours  
Drying Time at 77 Deg F & 50% Relative Humidity

### **COVERAGE:**

<b>Substrate</b>	<b>Sq. Ft / gal</b>
Porous Concrete	300-400
Split Face Block	200-250
Pre-cast Concrete	400-600
Concrete Block	200-250
Brick (Clay)	200-300
Sandstone, Limestone, Slate	250-300
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

**APPLICATION INSTRUCTIONS:**

**IMPORTANT:** Remove all existing silicone sealers.

Coval Multi-Purpose Sealer will not penetrate through existing silicone-based sealers.

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 MULTI-PURPOSE SEALER. If the water beads up, there is an existing sealer that must be removed to allow proper penetration. Remove silicone sealers then rinse thoroughly a couple of times with clean water. After flushing with fresh clean water, dry surface with shop vac. and fans if possible. The surface moisture content must not exceed 13% contact meter method.

**Surface Preparation:**

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.

**Interior Surfaces**

Clean surface to remove dirt, dust, grease, oil and loose particles. Remove all surface contamination wash and then rinse well with fresh water. Make certain to rinse well and allow the surface to dry thoroughly. On new concrete, allow concrete to cure a minimum of 7 days and have a maximum moisture content not to exceed 13% contact meter method.

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**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. Make certain to rinse well and allow the surface to dry thoroughly. New Concrete must be cured at least 7 days and have a maximum content not to exceed 13% contact meter method. On tilt-up and poured-in-place concrete, clean and/or sandblasting may be necessary to remove sealers, and release compounds. Prepared concrete should have a pH of between 7 and 9.

Make certain that the surface has been prepared properly and is clean and dry. 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 for a minimum of 5 hours after the estimated time of completion of the sealing process. Also make certain there will be no additional morning dew to make the surface damp again before it has had a chance to dry.

**Test Area:**

Due to the wide variety of substrates, always test MULTI-PURPOSE 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.

**Spraying:**

Make certain that the surface has been prepared properly and is clean and dry.

Do not apply to a surface that will be painted. Protect surfaces that may need to be repainted, as it will affect the bond of the new paint. Using a pump sprayer, flood the surface to be sealed with MULTI-PURPOSE SEALER and roll it into the surface with a 3/8" nap roller. Exerting downward pressure on the roller, force the sealer into the surface pores. Continue to MULTI-PURPOSE SEALER work in by rolling back & forth, and up & down until there is no puddling or excess sealer standing on the surface.

Continue applying MULTI-PURPOSE SEALER onto the surface and working it in with the roller until the surface will not absorb any more sealer. Remove all excess MULTI-PURPOSE SEALER and puddling. 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 this will dry into a white haze.

**IMPORTANT:** THE SECOND COAT OF SEALER MUST BE APPLIED WITHIN **15 MINUTES** OF THE FIRST COAT. IF THE AREA IS TOO LARGE AND THE ENTIRE FIRST COAT CANNOT BE COMPLETED IN 15 MINUTES, THEN YOU NEED TO *APPLY IN SECTIONS* THAT YOU CAN COMPLETE IN 15 MINUTES. THIS IS SO YOU CAN GO BACK TO REAPPLY THE SECOND COAT WHILE THE SEALER IS STILL WET. MAKE CERTAIN TO MARK YOUR SPOT WHERE YOU STOP. THIS SEALER WILL NOT LEAVE LINES WHERE YOU HAVE STOPPED AND RESTARTED.

#### **Interruption of Work:**

Upon drying, treated surfaces will have a natural appearance matching the untreated surfaces. It is possible that areas could 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 had previously ceased.

#### **CLEAN UP:**

Clean tools and equipment with water and rinse thoroughly.

#### **CAR AND MAINTENANCE:**

To clean sealed *outside surfaces*, simply hosing off with a garden hose equipped with a pistol grip sprayer is typically all that is needed.

On *interior surfaces*, a damp mop works well on floors and other surfaces can be wiped clean with a damp cloth or sponge.

**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. If you notice water wicking into the surface, especially on high traffic areas, simply follow application instructions and re-apply the sealer.

**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 Multi-Purpose Sealer required. Simply re-apply, the sealer will only absorb into the surface were it is worn away.

#### **ENVIRONMENTAL AND SAFETY:**

In the event of contact with skin, wash skin thoroughly with soap and water. Always wear safety goggles or splash shield to avoid splashing into your eyes. Do not wear contacts without eye protection. If sealer gets into your eyes, immediately flush eyes with water for 15 minutes. If eye irritation occurs after rinsing, seek medical attention. If accidentally swallowed, rinse mouth thoroughly with water. In case of discomfort, obtain immediate medical attention. 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.