

REPEL Water Repellent

Water Repellent and Sealer for concrete, stone and stucco.

Repel is a waterbased clear, highly reactive micro-emulsion silicone that works specifically with the properties of concrete, stucco and manufactured natural stone.

Repel is ready to use, has no VOC's and when applied, leaves the coated surface looking natural. Repel's ability to prevent water and waterborne contaminants from entering the substrate reduces problems such as efflorescence, scaling, dirt buildup, alkali attack, and freeze thaw damage. Repel allows the treated surface to breathe allowing natural moisture vapor transmission.

Repel can be used as additional protection on polished concrete to increase stain resistance.

Simply spray Repel on existing substrate and allow to dry. Repel will not change the color or texture of the surface and will remain effective.

TECHNICAL DATA

- ASTM C-642 Water Absorption of concrete 24 hours
- Reduces water absorption
- ASTM C-67. Maintaining greater than 50% breathability
- Increased stain resistance
- Will not alter color, texture, or any other physical characteristic of sealed surfaces
- Improves resistance to freeze/thaw exposure
- Reduces penetration of grease, oils, acids, and salts
- Protects reinforcing steel
- VOC'S - ZERO
- Only one coat needed
- Water clean-up
- Shelf Life: 2 yrs in original unopened container

- FOOD SAFE APPROVED
- Meets **LEED Requirements**.

USES

To reduce efflorescence and improve resistance to effects of weathering on concrete, manufactured and natural stone, and stucco surfaces.

COVERAGE (dependent on porosity of surface)

Stucco: Approximately 100 sq. ft./gallon

Concrete: 250 sq.ft./gallon

Polished Concrete: 500 sq.ft./gallon

CAUTIONS

- Due to Repel's properties, adhesives or other coating will not bond sufficiently.
- Protect surrounding area from over-spray, in case of accidental contact rinse thoroughly with water immediately.
- Care should be taken to protect nearby vegetation.
- DO NOT apply to frozen surfaces.
- Only ONE Coat is possible.
- This product is not meant to fill or seal visible cracks.
- For surfaces not specified in this Technical Data, or where surface may have been previously sealed, we recommend that Repel be applied to a small test area first, and observed for possible adverse reactions. Under certain conditions a precipitate of sodium carbonate may be deposited as Repel dries. To avoid this white precipitate which is especially noticeable on old or dark surfaces observe the following precautions: Always test Repel on a small area to determine if these conditions exist. Substrates with a high acid level will more readily neutralize Repel before it is absorbed into the brick, leaving the residue on the surface.
- Do not use on acrylic stucco or painted stucco.

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SURFACE PREPARATION

- Make sure surface is clean, free of dirt, oil and other contaminants. Let surface dry 3 to 4 hours after cleaning before applying Repel.
- Patching and caulking must be done before applying Repel.
- Plastic or paper all glass and windows before applying Repel. Do NOT spray directly on the plastic or paper during application to avoid leaking or soaking through. Remove plastic or paper immediately after each side of the structure is complete.
- Concrete should be cured 28 days before the application of Repel.

APPLICATION

- For best results, spray Repel using a pump up sprayer, this will ensure proper coverage of joints, laps, butts, etc.
- Shake the container well before using.
- If the product has been frozen, thaw completely and shake well.
- Use Repel right out of the container. DO NOT dilute or mix with other liquids.
- Stucco should be lightly dampened with clean water immediately prior to application.
- Apply Repel with a sprayer (20 to 30 psi). Apply liberally and saturate all areas.
- On vertical surfaces, avoid run-down, overlapping, or second coating.
- On vertical surfaces, apply starting from the top and working down the surface, keeping a wet edge. If Repel dries between passes "water spotting" may result.
- Only one application is possible.
- Repel sets within 2 to 4 hours.
- Full protection will be achieved within 24 hours.
- Clean up equipment with mild soap and water.

POLISHED CONCRETE

APPLICATION

After the concrete has been polished to the desired finish, apply one coat at a rate of 400-500 square feet per gallon. Spread the product out using a micro-fiber pad, do not let the product puddle and do not over apply. Coverage will be determined by the absorption of the concrete. Repel should be dry to touch in 5 to 10 minutes. If white residue is present after drying it is easily buffed out or wiped up.

WARRANTY

We warrant our products to be of good quality and will replace any products proved defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. The user shall determine the suitability of the product for the intended use and assume all risks and liability in connection therewith. Therefore, except for such replacement of product, Cornerstone Coatings makes no warranty or guarantee express or implied including warranties of fitness for a particular purpose or merchantability, respecting its products, and Cornerstone Coatings shall have no other liability with respect thereto. This warranty supercedes all other warranties express or implied.