



Armor WL550

Penetrating Matte Enhancer Sealer

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For Professional Use

PRODUCT DESCRIPTION

The Armor WL550 is a solvent-based silicone water repellent sealer designed to enhance and protect unsealed concrete, brick, stone, and masonry. It darkens the surface giving it a similar appearance to being wet, and will not leave behind a visible surface film. The Armor WL550 will also help to reduce damage and deterioration caused by water absorption such as cracking, spalling, pitting, and staining. The Armor WL550 is a fantastic sealer for concrete and masonry where protection and color enhancement are desired.

BENEFITS/FEATURES

- ◆ Will enhance the natural coloring of the substrate to make it look wet
- ◆ Will provide up to 3-5 years of life before the need for a recoat
- ◆ Breathable, low VOC.
- ◆ Will reduce deterioration caused by water absorption such as cracking, spalling, pitting, staining
- ◆ Will reduce the formation of mold and mildew
- ◆ Will reduce freeze-thaw and salt damage
- ◆ Won't leave behind a visible surface film

SUGGESTED APPLICATIONS

- ◆ Concrete
- ◆ Pavers, brick, and block
- ◆ Natural stone
- ◆ Travertine tile, flagstone, slate, bluestone
- ◆ Driveways, walkways, and stairs
- ◆ Pool decks and patios

TECHNICAL INFORMATION

Solids.....	Proprietary	Wet Appearance.....	Clear
Drying Time.....	1-2 hours	Dry Appearance.....	Invisible
Re- Coat Time.....	wet on wet	VOC Content.....	<350 VOC
Foot Traffic.....	12-24 hours		
Wheel Traffic.....	24 - 48 hours		
Application Temp.....	55°F - 85°F		

COVERAGE

Porous Surfaces: Up to 175 FT²/gallon in one coat.
Smooth Surfaces (once properly prepped): Up to 200-225 FT²/gallon in one coat.

Coverage will vary depending on porosity, surface condition, application method, and the amount of material applied by the applicator. The above coverage rates are estimates and will vary. Single coat application suggested.

COMPLIANCES

- ◆ Meets OTC, CARB, LADCO & SCAQMD VOC restrictions
- ◆ Meets US EPA AIM VOC content limit of 600 g/L for Waterproofing Sealers & Treatments

SHELF LIFE

When properly sealed and stored, the shelf life of the Armor WL550 is up to 1 year.

PACKAGING

The Armor WL550 is available in a 16 OZ Sample, 1 Gallon Bottle, 5 Gallon Pail, and 55 Gallon Drum.

APPLICATION INSTRUCTIONS

Surface Preparation:

The Armor WL550 should be applied to a completely clean and dry surface. If the surface was cleaned with water or pressure washed prior to application, allow the surface to dry for at least 24 hours before sealing. While the surface may appear dry and feel dry to touch, water below the surface trapped in the pores can cause the same issues. While pressure washing the surface is typically sufficient, spot treatment may be necessary for deep or older stains. If the surface is smooth troweled, or does not easily accept water, acid etching may be required prior to applying sealer. It is always suggested to apply the Armor WL550 to a test area to verify absorption, coverage, compatibility, and project suitability.

The Armor WL550 is designed specifically for unsealed concrete and masonry surfaces. Do not apply this product over a surface recently sealed with a water repellent sealer, or previously sealed with a film-forming sealer or coating.

Application:

A solvent resistant commercial pump sprayer is recommend to achieve best coverage and results. Be sure the psi is no greater than 20. Use a .3-.5 GPM adjustable cone tip.

Apply the first coat of Armor WL550, ensuring the entire surface is evenly saturated. Broom out puddles until surface is penetrated. In most cases, a single coat is needed. For porous substrates, or if you notice an inconsistent wet look, a second coat can be applied. The second coat can be applied while the first coat is still wet, or after surface appears dry.

Substrates sealed with Armor WL550 may be coated with a solvent based acrylic sealer once the surface has had 72 hours to dry.

Time of Day

The temperature of the air and surface must be 55-85 degrees F during application. If freezing conditions exist prior to application, it is highly recommended that the substrate be allowed to fully thaw. Should this recommendation not be followed, the product may not yield adequate protective properties.

Once applied, the surface should be kept dry for at least 24 hours.

Clean-Up

Use xylene or acetone. Dispose of containers in accordance with local and federal regulations.

Product Removal

Armor WL550 penetrates deep into to the surface. Removal is not recommended.

PRECAUTIONS AND LIMITATIONS

- ◆ Product is designed for fully cured concrete. Concrete must be a minimum of 28 days old before applying product.
- ◆ Do not apply over floor adhesives, paints, coatings, dies, powder release dies, acid stain, sealers, etc. This product is designed for unsealed, uncolored, and untreated surfaces ONLY.
- ◆ Please note, the Armor WL550 will darken and enhance the color of the substrate and additional coats may be required on overly porous surfaces to achieve a consistent darkened finish. If applying this to a surface without any variations in color, such as broom finished concrete, we strongly suggest to you apply the product to a test area first to make sure you like what your substrate looks like when sealed with a wet look sealer. Proper preparation is also very important as stains, cracks, crazing, and other issues can be enhanced with the use of this sealer.
- ◆ Coverage rates depend upon many conditions including application method, surface porosity, and applicator.
- ◆ Sealer is not resistant to brake fluid, gasoline, and many other similar products.
- ◆ Sealer will not stop surface stains as the surface of the substrate is fully exposed.
- ◆ Do not dilute or thin sealer with any products.
- ◆ Store product in an area where the temperature is between 55-80 degrees F, and not in direct sunlight.
- ◆ If applying sealer to pavers less than one year old, verify with paver manufacturer that pavers are able to be sealed. Sealing before suggested guidelines can result in sealer failure.
- ◆ White spots (blushing) and premature delamination or failure may occur if applied to wet surfaces, surfaces with moisture issues, or surfaces that get wet before the sealer has fully cured. Do not apply in early morning if morning dew is present.
- ◆ Do not apply in the morning or middle of the day to avoid hazing and bubbling.
- ◆ Proper personal protective equipment should be worn when applying this product. Refer to the Safety Data Sheet prior to application.
- ◆ Properly protect and cover any areas not intended or suggested to be sealed during application.
- ◆ When applying, odors are strong. Area should be properly ventilated during the time of application, and for at least 7 days after application, to allow for the solvents to fully release and the odors to dissipate.
- ◆ HVAC ducts should be blocked to avoid distribution of solvents and odors. Extinguish any pilot lights or other sources of ignition prior to starting.
- ◆ Foundation Armor offers no guarantee, warranty or other claims to the success or results of a job or project.
- ◆ Surface water beading will not occur on all surfaces. While some surfaces may experience an instantaneous bead, others won't experience a surface water bead at all. Surface water bead is not a sealer benefit, and is not an indicator that the sealer is or isn't working.
- ◆ In all cases, refer to the Safety Data Sheet prior to application for complete health and safety information. Do not swallow, avoid direct contact with skin, avoid inhalation, keep out of reach of children and pets.
- ◆ The applicator is responsible for suitability of application, and the results of the application. We suggest applying to a test area first to verify compatibility, absorption, coverage rate, and project suitability. Applicator is also responsible for ensuring product meets local VOC regulations, and any and all other regulations that may apply.
- ◆ Product is HAZMAT and is not returnable. Please consider purchasing a 16 ounce sample to test product before purchasing larger quantities.