



Armor WL550 Enhancer Sealer PRO

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PRODUCT DESCRIPTION

The Armor WL550 Enhancer Sealer PRO is a solvent-based silicone water repellent sealer that will protect the surface from damage and deterioration caused by water absorption, and enhance it with a matte wet look finish. The WL550 Enhance Sealer PRO works entirely below the surface and will not leave behind a visible surface film. The WL550 is designed specifically for unsealed concrete, brick, pavers, and natural stone where a color enhancement is 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

- ◆ Poured, broom finished, and troweled concrete.
- ◆ Pavers, brick, and block.
- ◆ Aggregate, natural stone, unglazed tile.
- ◆ Driveways, walkways, and stairs.
- ◆ Pool decks and patios.
- ◆ Garage, warehouse, and basement floors and walls.
- ◆ Car ports, pole barns, retail and restaurant floors.

TECHNICAL INFORMATION

Solids.....	+/- 40%	Wet Appearance.....	Clear
Drying Time.....	1-2 hours	Dry Appearance.....	Invisible
Re-Coat Time.....	single coat	VOC Content.....	Low VOC
Foot Traffic.....	12-24 hours	Blush Resistance.....	Excellent
Wheel Traffic.....	24 - 48 hours	Alkalinity Resistance.....	Excellent
Application Temp.....	45°F - 85°F	Concrete Adhesion.....	Excellent

COVERAGE

For best results, apply a single coat at a rate of 175 FT²/gallon. Coverage rates vary depending upon surface porosity and texture, and application method. Excessive build up should be avoided.

COMPLIANCES

- ◆ Meets OTC, CARB, LADCO & SCAQMD VOC restrictions
- ◆ Dried coating is USDA accepted

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: Prior to surface preparation, protect people, property, automobiles, plants and any other non-masonry surfaces and objects from the material, wind drift, and splash, residue, and fumes of the material. Proper surface preparation is highly important. Use the proper cleaning detergent for the substrate at hand. It is recommended that Armor WL550 be applied on a clean, dry, and absorbent surface. Please note that excessive moisture inhibits good penetration, which can reduce the life and performance of the coating. Newly constructed and repointed substrates should be fully cleaned and cured 28 days prior to application. Always test for compatibility before applying. Please test using the following application instructions. It is important to let the test area dry completely before final inspection and approval.

The temperature of the air and surface must be 45-85 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.

Proper equipment should be used when applying Armor WL550. A low pressure solvent/acetone-resistant sprayer with EPDM Rubber seals should be used to apply. Be sure the psi is no greater than 20. Set the sprayer to achieve a good, wet stream, avoiding atomization of the product.

The Armor WL550 should be applied in the late afternoon or early evening when air and surface temperatures are declining.

APPLICATION:

Using a pump sprayer, apply a single coat of Armor WL550 at a rate of 175 FT²/gallon, ensuring the entire surface is evenly saturated. Broom out puddles until surface is penetrated. Do not attempt to apply a second coat unless advised by a Foundation Armor technician.

Substrates sealed with Armor WL550 may be coated with silicone emulsion paints and many oil based paints as well although testing is always necessary and recommended to assure proper adhesion. Adhesion may be improved if the surface is pressure washed and allowed to dry prior to application. Armor WL550 is not a paint primer. Adhesion of cementitious coatings, stucco, plaster, etc., may be adversely affected. These types of substrate treatments should be installed and allowed to fully cure before applying Armor WL550. Always test to verify compatibility.

- Allow fresh concrete at least four weeks, preferably six weeks, to set before applying sealer.
- Remove coarse particles and dust from new, unsoiled surfaces with a brush or compressed air. Use super heated steam to clean surfaces that are heavily soiled with oil, abraded rubber, etc. prior to treatment.
- Only seal concrete that has a uniformly dry surface with no damp patches. Do not apply if it is expected to rain within 24 hours of applying sealer.
- The sealed substrate should be protected from weathering conditions for at least 24 hours after application. A neutral pH surface may need several days to achieve full water repellency.

CLEAN-UP

Use Xylene. Dispose of containers in accordance with local and federal regulations.

PRODUCT REMOVAL

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

PRECAUTIONS AND LIMITATIONS

- ◆ Sealer is highly flammable. Use extreme caution along with plenty ventilation. An approved respirator is required. Avoid ignition sources, flame etc. Should be stored in accordance with local laws.
- ◆ It is recommended to store this product in an area where the temperature is between 45-85 degrees F.
- ◆ Do not allow sealer to be subject to any form of rain or moisture for at least 24 hours after application.
- ◆ Coverage rates depend upon many conditions including application method, surface porosity, applicator, etc.
- ◆ Sealer was designed for a water repellent. Not intended as a decorative topcoat.
- ◆ Sealer will not keep water out of cracks, defects, or open joints.
- ◆ Sealer should never be thinned or mixed with any form liquid or solvent.
- ◆ Product WILL darken the surface of the concrete. Test prior to use.
- ◆ It is always recommended to test the product in a small, inconspicuous area on the same concrete substrate for desired results prior to application.
- ◆ Coverage rates will vary depending on porosity, density, texture, application method, etc.
- ◆ It may take up to 72 hours for this product to obtain its full water repellency properties. Visual water repellency characteristics not always visible on porous surfaces.
- ◆ Do not apply this product in the morning or mid-day.
- ◆ Do not apply this product to surfaces that currently have or previously had a film-building sealer/coating on the surface.
- ◆ Actual color enhancement will vary from one surface to another based on porosity. Porous surfaces, such as pavers, may require an acrylic sealer instead, like the Armor AR350 or AR500, for a deeper color enhancement.
- ◆ It is recommended to wear the proper personal protective equipment when applying this product.
- ◆ Properly protect and cover any areas not intended or suggested to be sealed during application.

CONTACT

Still have questions? Contact a Foundation Armor Technician at 866-306-0246.