



Armor LV15 Low Gloss Acrylic Cure and Seal

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For Professional Use

PRODUCT DESCRIPTION

The Armor LV15 is a solvent-based low gloss acrylic cure and seal designed to enhance, seal, and protect concrete and concrete paver surfaces. It will darken the surface and enhance any dull and faded coloring, and protect the surface with a durable low gloss surface film.

BENEFITS/FEATURES

- ◆ Breathable, UV resistant
- ◆ Reduces deterioration caused by surface abrasion
- ◆ Reduces the formation of mold, mildew, and algae
- ◆ Reduces surface stains
- ◆ ASTM C 309 standards
- ◆ Easy to apply, maintain, and recoat
- ◆ Made from US manufactured non-recycled resins
- ◆ Will darken the surface to make it look wet
- ◆ Can be applied to unsealed surfaces, and surfaces previously sealed with a solvent based acrylic sealer

SUGGESTED APPLICATIONS

- ◆ Concrete
- ◆ Concrete pavers
- ◆ Exposed aggregate concrete
- ◆ Driveways, walkways, and stairs
- ◆ Pool decks and patios

TECHNICAL INFORMATION

Solids.....	15%	Wet Appearance.....	Clear
Drying Time.....	4-6 hours	Dry Appearance.....	Low gloss
Re-Coat Time.....	24 hours		
Foot Traffic.....	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. Two coats are suggested for even coverage and appearance.

COMPLIANCES

- ◆ ASTM C 309, Type 1, Class A & B
- ◆ AASHTO Specification M-148, Type 1, Class A & B
- ◆ Dried Coating is USDA Accepted

SHELF LIFE

When properly sealed and stored, the shelf life of the Armor LV15 is up to 1 year.

PACKAGING

The Armor LV15 is available in a 16 OZ Sample, 1 Gallon Bottle, 5 Gallon Pail, and 55 Gallon Drum.

APPLICATION INSTRUCTIONS

The Armor LV15 can be applied with a 3/8-1/2" nap roller, or a solvent resistant HVLP sprayer with EPDM O-rings and gaskets. For a consistent wet look and low gloss finish, apply two coats spaced 24 hours apart.

Time Of Day

The Armor LV15 should only be applied in the early evening when air and surface temperatures are declining, and when the sun is no longer positioned over the surface. To avoid bubbling and hazing, do not apply in the morning or middle of the day.

Surface Preparation

The Armor LV15 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 pressure washing the surface is typically sufficient, spot treatment may be necessary for deep or older stains.

The Armor LV15 is designed specifically for use on unsealed concrete and concrete paver surfaces, as well as concrete and concrete pavers previously sealed with a solvent based acrylic. If the concrete is smooth or trowel finished, and doesn't quickly and easily absorb water, other surface preparation may be required to open up the surface pores, such as acid etching or grinding.

The Armor LV15 should not be used to seal clay brick, red Chicago pavers, flagstone, slate, or natural stone. If you are looking to seal clay brick, red Chicago pavers, flagstone, slate, or natural stone, consider instead of the Armor WL550 or the Armor SX5000 WB.

Note About Sealing Pavers:

Please note, while the Armor LV15 can be applied over paver joints, it is not designed as a bonding agent and will not harden or bond the loose sand in the paver joints. If applying with a roller, loose sand in the joints may cling to the roller and be redistributed across the pavers. For best results, apply first coat with a sprayer if you are applying to pavers with loose sand in the paver joints.

When applying to porous pavers, gloss level may be reduced, and more material may be required to achieve desired finish. Do not apply to pavers that are installed over a concrete slab or concrete base. This will result in continuous issues with blushing and delamination.

Mixing Opaque Color Packs: Do not exceed more than 6 ounces of color per gallon of sealer. Stir color well before adding to sealer, then once added to sealer, stir again, ensuring color is evenly mixed. Once cured, will cover like a paint—you will be left with an opaque colored finish.

Mixing Semi-Transparent Color Packs: Do not exceed more than 1 ounce of color per gallon of sealer. Stir color well before adding to sealer, then once added to sealer, stir again, ensuring color is evenly mixed. Once cured, will offer a semi-transparent tinted finish.

Adding Non-Slip: For added surface traction, the Armor Non-Slip additive can be added. The ultra-fine and fine Armor Non-Slip additives work best in the Armor LV15. Applying the Ultra-Fine: Slowly drill mix 3-6.5 ounces of non-slip additive per gallon of sealer, until completely blended, then apply. For Fine: When applying the second coat, add the non-slip additive to the coating using a broadcast spreader, and back roll to encapsulate the non-slip additive.

Clean-Up

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

Product Removal

Dried, cured sealer may be removed with the Armor CR100, or by using a diamond grinding method, sandblasting method or similar mechanical action.

PRECAUTIONS AND LIMITATIONS

- ◆ 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.
- ◆ Do not apply to pavers that are installed over a concrete slab or concrete base. This will result in continuous issues with blushing and delamination.
- ◆ Please note, the Armor LV15 will dramatically 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.
- ◆ HVAC ducts should be blocked to avoid distribution of solvents and odors. Extinguish any pilot lights or other sources of ignition prior to starting.
- ◆ Coverage rates depend upon many conditions including application method, surface porosity, and applicator.
- ◆ Please be aware that this product when cured may be slippery when wet. We suggest a non-slip additive where slipperiness is a concern.
- ◆ Sealer is not resistant to brake fluid, gasoline, and many other similar products.
- ◆ Do not dilute or thin sealer with any products.
- ◆ 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.
- ◆ Store product in an area where the temperature is between 55-80 degrees F, and not in direct sunlight. Keep away from open flames, sparks, or other sources of ignition.
- ◆ 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 coating failure.
- ◆ 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.
- ◆ Do not apply over sealers, water based acrylics, acrylic latex, paint, or any other film-forming coating other than a solvent based acrylic. If the solvent based acrylic is deteriorating, repair or remove prior to application. Apply to a test area before sealing to verify compatibility.
- ◆ This product does not stop tire marks from forming on the surface.
- ◆ Plasticizers in rubber mats and rubber based materials may react and bond to cured coating.
- ◆ 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.
- ◆ Foundation Armor offers no guarantee, warranty or other claims to the success or results of a job or project.
- ◆ 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 not returnable once opened or used so please consider purchasing a 16 ounce sample to test product before purchasing larger quantities.