



Armor WB15 Water Based Low gloss Acrylic Sealer

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For Professional Use

PRODUCT DESCRIPTION

The Armor WB15 is a water-based low gloss acrylic sealer designed to seal and protect porous concrete and concrete paver surfaces with a durable low gloss surface film. It can also be applied to uncured concrete to help aid with proper curing. The low odor, water based formula makes it a fantastic choice for sealing interior and exterior surfaces.

BENEFITS/FEATURES

- ◆ Provides a long-lasting, non-yellowing low gloss finish
- ◆ Reduces deterioration caused by surface abrasion
- ◆ Reduces the formation of mold, mildew, and algae
- ◆ Reduces the formation of efflorescence
- ◆ Reduces surface stains
- ◆ Breathable
- ◆ Made from US manufactured non-recycled resins
- ◆ Will provide a lasting low gloss finish
- ◆ Low odor, water based

SUGGESTED APPLICATIONS

- ◆ Poured, broom finished, and stamped concrete
- ◆ Concrete pavers
- ◆ Driveways, walkways, and stairs
- ◆ Pool decks and patios

TECHNICAL INFORMATION

Solids.....15%
Drying Time.....4-6 hours
Re- Coat Time.....4-24 hours
Foot Traffic.....24 hours
Wheel Traffic.....24 - 48 hours
Application Temp.....55°F - 85°F

Wet Appearance.....Milky White
Dry Appearance.....Low gloss
VOC Content.....<350 VOC

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

- ◆ AASHTO Specification M-148, Type 1, Class A & B
- ◆ ASTM C-309, Type 1, Class A & B
- ◆ Corps of Engineers CRD-C304, Type 1, Class A & B
- ◆ Classified in Table 1.1, ACI Standard 302
- ◆ Dried Coating is USDA Accepted
- ◆ Meets OTC, CARB, LADCO & SCAQMD VOC restrictions.

SHELF LIFE

When properly sealed and stored, the shelf life of the Armor WB15 is up to 1 year.

PACKAGING

The Armor WB15 is available in a 16 OZ Sample, 1 Gallon Bottle, 5 Gallon Pail, and 55 Gallon Drum.

APPLICATION INSTRUCTIONS

The Armor WB15 can be applied with a 3/8-1/2" nap roller, or a commercial pump sprayer. For a consistent low gloss finish, apply two coats spaced 6-8 hours apart. Do not exceed 24 hours apart between coats.

Time Of Day

The Armor WB15 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.

Surface Preparation

The Armor WB15 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 issues. While pressure washing the surface is typically sufficient, spot treatment may be necessary for deep or older stains.

The Armor WB15 is designed specifically to be used on unsealed porous concrete and concrete pavers. It can also be applied to concrete and concrete paver surfaces previously sealed with a water based acrylic as long as the acrylic has been properly prepped for adhesion. The Armor WB15 should not be used on smooth or dense concrete surfaces. It is always suggested to apply the Armor WB15 to a test area to verify absorption, coverage, compatibility, and project suitability.

The Armor WB15 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 WB15 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.

Adding Non-Slip: For added surface traction, the Armor Non-Slip additive can be applied in the top coat. The ultra-fine Armor Non-Slip additive works best in the Armor WB15. Slowly drill mix 3-6.5 ounces of non-slip additive per gallon of sealer, until completely blended, then apply.

CLEAN-UP

Use warm water and soap. Dispose of containers in accordance with local and federal regulations.

PRODUCT REMOVAL

Dried, cured sealer may be removed with a commercial paint stripper, or by using a diamond grinding method, sandblasting method or similar mechanical action.

PRECAUTIONS AND LIMITATIONS

- ◆ Coverage rates depend upon many conditions including application method, surface porosity, and applicator.
- ◆ 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 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.
- ◆ It is not recommended to dilute or thin sealer with any products.
- ◆ For best results, do not apply in the morning or mid-day when air and surface temperatures are increasing. If the water evaporates too quickly from the coating, it can result in coating failure.
- ◆ 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 coating failure.
- ◆ It is recommended to wear the proper personal protective equipment 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 solvent based acrylics, acrylic latex, paint, or any other film-forming coating other than a water based acrylic. Do not apply over water repellent sealers. Apply to a test area before sealing to verify compatibility.
- ◆ This product does not stop hot tire pickup or tire marks.
- ◆ If applying indoors, room should be properly ventilated. HVAC ducts should be blocked to avoid distribution.
- ◆ Foundation Armor offers no guarantee, warranty or other claims to the success or results of a job or project.
- ◆ In all cases, refer to the Safety Data Sheet prior to application for complete health and safety information. Do not swallow, 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.