Armor AR500 Wet Look/High Gloss Acrylic Sealer

PRODUCT DESCRIPTION

The Armor AR500 is a solvent-based acrylic sealer designed to enhance, seal, and protect concrete and paver surfaces. It will darken the surface and enhance any dull and faded coloring, and protect the surface with a durable high gloss surface film. The Armor AR500 is a fantastic sealer if you are looking to bring out dull and faded surfaces, and enhance surfaces with a high gloss wet look finish. Color packs are available and can be mixed in to provide an opaque-colored high gloss finish. Non-slip additives are also available.

BENEFITS/FEATURES

- Breathable, UV resistant
- Reduces deterioration caused by surface abrasion
- Reduces the formation of mold, mildew, and algae
- Reduces surface stains
- 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

- Poured, broom finished, and stamped concrete.
- Concrete pavers.
- Exposed aggregate concrete.
- Driveways, walkways, and stairs.
- Pool decks and patios.
- Garage, warehouse, and basement floors.
- Car ports, pole barns, retail and restaurant floors.

TECHNICAL INFORMATION

Solids	25%	Wet Appearance	Clear
Drying Time	1-2 hours	Dry Appearance	High gloss
Re-Coat Time	24 hours	VOC Content	Low VOC
Foot Traffic	24 hours	Blush Resistance	Good
Wheel Traffic	24 - 48 hours	Solvent Resistance	Minimal
Application Temp	45°F - 85°F	Concrete Adhesion	Excellent

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.

SHELF LIFE

When properly sealed and stored, the shelf life of the Armor AR500 is up to 1 year.

PACKAGING

The Armor AR500 is available in a 16 OZ Sample, 1 Gallon Bottle, 5 Gallon Pail, and 55 Gallon Drum.

CONTACT

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

APPLICATION INSTRUCTIONS

The Armor AR500 can be applied with a 3/8-1/2" nap roller, or an acetone/solvent resistant HVLP sprayer with Viton seals. For a consistent wet look and high gloss finish, apply two coats spaced 24 hours apart.

Time Of Day
The Armor AR500 should only be applied in the early evening (around 5 PM or later) when air and surface temperatures are declining, and when the sun is no longer positioned over the surface.

If applied outside of these limits, the sealer may not achieve adequate film formation and may have excessive air entrapment, bubbles, blushing or hazing.

Surface Preparation
The Armor AR500 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.

The Armor AR500 is designed specifically to be used on unsealed concrete and concrete pavers. It can also be applied to concrete and concrete paver surfaces previously sealed with a solvent based acrylic. The Armor AR500 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. 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.

Note About Sealing Pavers:
Please note, the Armor AR500 is not a bonding agent. Do not apply the Armor AR500 over loose sand between paver joints because it will not harden or seal the loose sand. The Armor AR500 can be applied over the pavers directly, or the pavers and polymeric sand (if the polymeric sand is newly installed, wait 7 days before sealing), but it can't and should not be applied over loose sand.

Mixing 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 full cured, will create an opaque-colored (paint-like) finish.

Adding Non-Slip: For best results, apply the Armor non-slip additive with an appropriate hand-held broadcast spreader. 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.

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.

CLEAN-UP

Use Xylene. 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

- If applying indoors, room should be properly ventilated to allow for solvents to evaporate.
- Keep away from open flames. Sealer is flammable and is susceptible to ignition.
- Do not apply over floor adhesives, paints, water based coatings, or incompatible sealers.
- 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. Consider adding Armor Non Slip Additive into the top coat.
- Sealer is not resistant to brake fluid, gasoline, and many other similar products.
- It is not recommended to thin or cut sealer with any other products.
- Sealer will darken the surface in order to enhance dull or faded surfaces.
- White spots (blushing) and premature delamination or failure may occur if applied to wet surfaces, surfaces with moisture issues, surfaces that get wet before the sealer has fully cured, or surfaces that currently have an incompatible sealer or coating down.
- 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.
- Sealer should be applied to concrete that has had 28 days to cure.
- 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 50-80 degrees F, and not in direct sunlight.
- 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.
- Do not apply over water based acrylics, acrylic latex, paint, or any other film-forming coating other than a solvent based acrylic. Apply to a test area before sealing to verify compatibility.
- This product does not stop hot tire pickup. Hot tire pickup happens when the rubber/asphalt from the hot tire comes off of the tire onto the surface where the tire comes into contact with. There is physically no way to stop the rubber/asphalt from coming off of the tire.
- Plasticizers in rubber mats and rubber based materials may react and bond to cured coating.