



# Armor AR500 High Gloss Acrylic Sealer

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## PRODUCT DESCRIPTION

The Armor AR500 is a solvent-based high gloss pure acrylic lacquer sealer that is designed to seal, enhance, and protect a variety of interior and exterior surfaces. It is manufactured in the U.S., and made from high quality resins and solvents. The Armor AR500 will enhance dull or faded surfaces, and provide a long-lasting, non-yellowing high gloss finish that won't peel. It is available in clear, as well as several color options. Non-slip additives available.

## BENEFITS/FEATURES

- ◆ Provides a long-lasting, non-yellowing high gloss finish.
- ◆ Reduces deterioration caused by surface abrasion.
- ◆ Reduces the formation of mold, mildew, and algae.
- ◆ Reduces the formation of efflorescence.
- ◆ Reduces surface and concrete dusting.
- ◆ Resists oil.
- ◆ USDA Compliant.
- ◆ Easy to apply and maintain.
- ◆ Can provide up to 2-5 years of life before the need for a recoat.
- ◆ Breathable.

## SUGGESTED APPLICATIONS

- ◆ Poured, broom finished, and stamped concrete.
- ◆ Concrete bricks and pavers.
- ◆ Exposed aggregate and some natural stone.
- ◆ Do not use on red clay brick without first applying to a test area.
- ◆ 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.....	4 - 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

Old or Porous Surfaces	175-225 ft <sup>2</sup> /gallon in one coat
Dense or Trowel Finished Surfaces	250-325 ft <sup>2</sup> /gallon in one coat

The average coverage rate is 250 FT<sup>2</sup>/gallon in one coat. Coverage rates will vary depending upon surface porosity and texture, and application method. Excessive build up should be avoided.

## 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.

## APPLICATION INSTRUCTIONS

**SURFACE PREPARATION:** Concrete surface must be clean, dry, and free of any surface contaminants. If applying to a previously sealed surface, verify that the old sealer is a compatible, solvent based acrylic sealer. Do not apply if it is expected to rain within 24 hours of applying sealer. If it recently rained or if the surface was pressure washed, wait at least 24 hours for surface to dry before applying sealer.

Substrate temperature must be no less than 45 degrees F and not exceed 85 degrees F. If applied outside of these limits, the sealer may not achieve adequate film formation and may have excessive air entrapment, bubbles, blushing or hazing. For best results, apply in the late afternoon or early evening when air and surface temperatures are declining.

**MIXING:** Stir well before using. (slow drill mixing or by hand). If adding an Armor Color Pack, mix color directly into sealer before applying. Add no more than 6 ounces of color per gallon to obtain a consistent colored coat. If a color is being used, two colored coats are required for consistent appearance. If adding an Armor Non-Slip Additive, mix directly into sealer before applying top coat. Add no more than 6 ounces of Non-Slip per gallon.

**APPLICATION:** Apply using a 3/8" – 1/2" nap roller, or a low pressure pump sprayer, apply a thin, even coat. Do not puddle. If puddles do occur, immediately roll out. If applying with an Armor Color Pack or Armor Non-Slip Additive, do not use a sprayer. Wait at least 6-24 hours to allow the first coat to dry, then repeat with a second coat.

**PLEASE NOTE:** 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 may vary for all coatings and substrates depending on porosity, density, and texture.

## 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. Consider the use of a respirator.
- ◆ 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, or surfaces that get wet before the sealer has fully cured.
- ◆ If applying sealer to pavers less than one year old, verify with paver manufacturer that pavers are able to be sealed.
- ◆ Sealer should be applied to concrete that has had 28 days to cure.
- ◆ Do not apply in early morning if morning dew is present.
- ◆ Store product in an area where the temperature is between 50-80 degrees F, and not in direct sunlight.

## CONTACT

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

