Armor AX25 Siloxane Infused High Gloss Acrylic Sealer

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For Professional Use

PRODUCT DESCRIPTION

The Armor AX25 is a solvent-based siloxane infused high gloss acrylic sealer designed to enhance, seal, and protect concrete and paver surfaces. It will darken the surface and enhance any dull and faded coloring, protect the surface with a durable high gloss surface film, and provide superior water repellency benefits. Color packs are available and can be mixed in to provide an opaque-colored low 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
- Meets ASTM 1315 and 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

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

TECHNICAL INFORMATION

Solids……25%
Drying Time……1-2 hours
Re-Coat Time……..……24 hours
Foot Traffic.....24 hours
Wheel Traffic.....24 - 48 hours
Application Temp.....45°F - 85°F

Wet Appearance.....Clear
Dry Appearance.....High Gloss
VOC Content.....<700 VOC
Blush Resistance.....Good
Solvent Resistance.....Minimal
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.

COMPLIANCES

- ASTM C 1315, Type 1, Class A & B, ASTM 309
- USDA Compliant

SHELF LIFE

When properly sealed and stored, the shelf life of the Armor AX25 is up to 1 year.

PACKAGING

The Armor AX25 is available in a 16 OZ Sample, 1 Gallon Bottle, 5 Gallon Pail, and 55 Gallon Drum.

APPLICATION INSTRUCTIONS

The Armor AX25 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 low gloss finish, apply two coats spaced 24 hours apart.

Time Of Day
The Armor AX25 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 AX25 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 AX25 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 AX25 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 AX25 is not a bonding agent. Do not apply the Armor AX25 over loose sand between paver joints because it will not harden or seal the loose sand. The Armor AX25 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 cured, will cover like a paint—you will be left with an opaque colored 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.

This is a professional grade product. The applicator is responsible for determining suitability of application, the results of the application., and determining whether the product meets state and local regulations. We suggest applying to a test area first to verify compatibility, absorption, coverage rate, and project suitability. Product is not returnable once opened or used so please consider purchasing a 16 ounce sample to test product before purchasing larger quantities.

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 a commercial paint stripper, or by using a diamond grinding method, sandblasting method or similar mechanical action.

PRECAUTIONS AND LIMITATIONS

- 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.
- When applying indoors, odors are strong so room should be properly ventilated during the time of application, and for up to 7 days after, to allow for solvents to fully release.
- When applying outdoors, odors are strong so ensure area is properly ventilated during the time of application, and for up to 7 days after, to allow for solvents to fully release.