

# ARMAS

## ARMOR SHIELD - HYBRID POLYURETHANE SEALER

### PRODUCT DESCRIPTION

Armor Shield is an advanced single component water-based polyurethane hybrid sealer. This sealer can be used as a standalone product when applied in multiple coats or in conjunction with our Armor Liquid Membrane coating as a topcoat. Armor Shield is UV stable and can be used for residential and commercial use both indoors and outdoors. It outperforms polyurea, acrylic and urethane based sealers and can withstand foot traffic and vehicular traffic. It is resistant to chemicals, household cleaners, and other common fluid cleaners. It can be applied by brush or roller. 3 coat minimum can be accomplished in a single day with it's super fast drying time.

### SUBSTRATES

Works on concrete, pavers, driveways, polished concrete, masonry, pool decks, and shower floors.

### FEATURES / BENEFITS

UV Resistant, Self-Priming, Odorless, Enhances substrate color, Can withstand foot and/or vehicle traffic

### APPLICATION AND SPECIFICATIONS

APPLICATION	AIRLESS SPRAYER, TIP SIZE 17, 1/2" WOVEN SHORT NAP ROLLER OR MAGIC TROWEL
APPLICATION ENVIRONMENT	APPLY AT TEMPERATURES FROM 50°F TO 90°F
COLOR	WHITE/MILKY LIQUID
CHEMICAL TYPE	POLYURETHANE HYBRID
CLEAN UP	WATER
SHELF LIFE	1 YEAR (AMBIENT TEMPERATURE OF 60F - 72F)
PACKAGING	1 GALLON, 5 GALLONS
COLORS AVAILABLE	CLEAR, LT. GRAY, MED GRAY, WHITE, LT BROWN, DARK BROWN, BEIGE, BLACK, GREEN, CREAM

### DRY TIMES

45°F	90 MINUTES
60°F	60 MINUTES
72°F	20 MINUTES
80°F	15 MINUTES
100°F	10-12 MINUTES

### COVERAGE (SF per gallon of mixture, 3 coats @ 20 mils Total thickness)

150 - 300 SF	YIELD PER GALLON MAY VARY DEPENDING ON SUBSTRATE AND FLOOR POROSITY
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## ADVANTAGES



UV Stable



Gloss Finish



Quick Drying



Can withstand Vehicle Traffic



Eco-Friendly

## APPLICATIONS



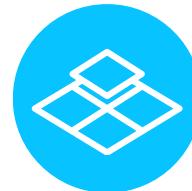
Pavers and Driveways



Commercial and Industrial Facilities



Garages



Tiles  
(Pebble, Slate, Stone, and many more!)



Basements

### PRECAUTIONS

Always test a small area first to determine ease of application and desired results. Gloves and eye protection should be worn during application. Do not mix with other cleaners. Not for use on humans or animals. If any contact with skin or eyes occurs, wash immediately with plenty of water. Be sure to read container label and Material Safety Data Sheet before using this product.

### LIMITED WARRANTY NOTICE

ArmorPoxy warrants that its products will meet their specifications. There are no other warranties, expressed or implied of merchantability or fitness of use. The only obligation of the seller-manufacturer shall be to replace material found to be defective. ArmorPoxy will not be liable for labor or consequential damage of any kind. The information contained herein is, to the best of our knowledge and belief, true and accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations. All chemicals may present unknown health hazards and should be used with caution.

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**PLEASE READ INSTRUCTIONS THOROUGHLY BEFORE APPLICATION BEGINS. FAILURE TO DO SO CAN RESULT IN PRODUCT FAILURE.**

### PRODUCT STORAGE

Store product at normal room temperature before using. Continuous storage should be between 60 and 90 degrees F.

### SURFACE PREPARATION

Remove any existing sealer that may be present on the substrate. Failure to do so prior to application of the Armor Shield may result in product failure. Substrate needs to be free and clear of any dirt, debris and other contaminants before application can begin. For recommendations on how to prepare your specific surface please contact your Armorpoxy Sales representative. Ensure to test the pH level after preparation (optimal pH level is 6.8 - 7.8)

### APPLICATION

#### WITH ROLLER

- Sweep or vacuum debris off of surface
- Use a 1/2 nap " roller. Allow any pre-treated areas to dry to the touch. Apply a THIN coat of Armor Shield with brush or roller over substrate including pre-treated areas. **Ensure to apply coating thinly.** Depending on temperature and RH you can apply a second coat of Armor Shield appx. 15-90 minutes after the first coat has been laid down. Refer to the drying times chart in the TDS for more information. Apply second coat of Armor Shield over the first coat. Allow for coating to dry to the touch, before applying 3rd coat. When last coat has dried to the touch, inspect final surface for pinholes, voids, thin spots or other defects. A nonskid additive may be needed to increase texture and help slip mitigation. Additional coats may be required if using non skid additive.

#### WITH SPRAYER

- Sweep debris off of surface
- Use airless sprayer with tip size 17 at 850-1,000 PSI. Position the airless sprayer gun at 18" away from the floor and coat the entire floor evenly. Depending on temperature and RH you can apply a second coat of Armor Shield appx. 15-90 minutes after the first coat has been laid down. Refer to the drying times chart in the TDS for more information. Apply second coat of Armor Shield over the first coat. Allow for coating to dry to the touch, before applying 3rd coat. When last coat has dried to the touch, inspect final surface for pinholes, voids, thin spots or other defects. A nonskid additive may be needed to increase texture and help slip mitigation. Additional coats may be required if using non skid additive.

### NOTES

- Safety Data Sheets for Armor Shield are available upon request.
- Over time due to normal wear, abrasion, traffic and cleaning. Generally, high gloss coatings are subject to a reduction in gloss, while matte finish coatings can increase in gloss level under normal operating conditions.
- Excessive service conditions, such as steel- or hard plastic-wheeled traffic or dragging heavy metal equipment or loaded pallets with protruding nails over the surface, are categorized as misuse and abuse.
- Allowances must be made for scratches or abrasions that occur due to moving or sliding furniture or fixtures over the surface
- TOOLS NEEDED - Airless sprayer with tip size 17 OR 1/2" woven short nap roller.

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