



Technical Data Sheet

Blue Max® White Liquid Rubber Waterproofer

Stock Code

BMXWRG Series

Packaging Information

- 1 Gallon Pail
- 5 Gallon Pail

Characteristics

Blue Max® White Liquid Rubber Waterproofer has 900% elongation that resists cracking and peeling. Blue Max White is ideal for waterproofing below-grade and insulated concrete forms, foundations, basements, and more.

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| VOLUME SOLIDS | 45% |
| WEIGHT SOLIDS | 50% |
| WEIGHT PER GALLON | ASTM D1475 9.20 lbs./ gallon |
| ADHESION TO VARIOUS SUBSTRATES | Galvanized Steel, Cold Rolled Steel, Treated and Untreated Aluminum and Concrete |
| COLOR | White |
| COVERAGE | 1 gallon per 25 sq. ft. dependent on system application (2 coat minimum for sprayer, 4 coat minimum for roller) |
| DRY FILM THICKNESS (@ 1 GAL/25 SQ. FEET) | 15 Mils per coat (30 Mils total DFT required) |
| DRY TIME | Allow 24 hours between coats |
| CURE TIME | 7-10 days |
| ELONGATION | ASTM D2370 up to 900% |
| FLASH POINT | >200°F |
| HUMIDITY | Best applied at 50% humidity or below |
| TENSILE STRENGTH | ASTM D2370 up to 300 PSI |
| MOLD & MILDEW RESISTANCE | ANSI 118.10 Section 4.1 No Growth |
| PH AS SHIPPED | ASTM E70 9.0-9.5 |
| SHELF LIFE | 24 Months Unopened |
| V.O.C CONTENT | < 1 g/l |
| VAPOR PERMEABILITY | ASTM E96 Desiccant Method 0.11 perms. |
| VEHICLE TYPE | Styrene Butadiene Emulsion |
| VISCOSITY | ASTM D2196 4100-5100 cps spindle # 6@100 rpm |

Compliance

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|----------------------------|-----|
| SCAQMD | Yes |
| OTC & OTC PHASE II | Yes |
| CARB & CARB 2007 | Yes |
| LEED® V4 & V 4.1 EMISSIONS | Yes |
| LEED® V4 & V 4.1 V.O.C. | Yes |

Surface Preparation

All surfaces must be sound and free of frost, dirt, grease, oil, loose nails & screws, sharp protrusions, or other contaminants that will hinder adhesion. Clean loose dust and dirt from the surface by brushing or wiping with a clean, dry cloth, brush, or broom.

Concrete

Should be cured in place for a minimum of 28 days. All concrete surfaces should have the appearance of 80 grit sandpaper to promote adhesion. All sharp protrusions such as cold joints shall be ground flush. Honeycomb, holes, cracks, and joints up to 5/8" across shall be filled with Blue Max Trowel or Blue Max Caulk.

Concrete Masonry Unit (CMU)

Mortar joints shall be struck flush and free of voids exceeding 1/8" across. Mortar droppings shall be removed from brick ties and all other surfaces accepting Blue Max White Membrane and accessories. Allow mortar joints to dry a minimum of 28 days prior to application of the Blue Max White and accessories. The exposure duration or exposure conditions as required by the concrete manufacturer.

Application Methods

Apply between 50° - 90° F on a warm dry surface. Surface temperature must be 5° F higher than the dew point and rising.

- **Brush:** Nylon/polyester
- **Roller:** 3/8" - 1/2" nap nylon/polyester
- **Sprayer:** Always use airless equipment. Airless sprayer specs must meet or fall between the parameters displayed below.
 - **Minimum Sprayer Requirements** – Tip Orifice Size: 0.015, Flow Rate (GPM): 0.34, Maximum Working Pressure (PSI): 3,000, Hose Size: 1/4 inch
 - **Maximum Sprayer Requirements** – Tip Orifice Size: 0.065, Maximum Flow Rate (GPM): 4.0, Maximum Working Pressure (PSI): 4,000, Hose Size: 3/8 inch reduced to 1/4 inch.

Application Instructions

Review product Application Guide before proceeding. Contact Ames Research Laboratories Technical Service Department for questions pertaining to the coating system application and required coating film thickness. Conduct a test patch to ensure proper adhesion

- Blue Max White must be top coated with a high-quality acrylic paint for all exterior exposures. On interior surfaces Blue Max White must be top coated with a high-quality acrylic paint for washability
- Do not apply if the temperature is expected to drop below 32° F within 24 hours of application
- Do not apply over wet substrates
- Do not apply in high heat areas of 180° F

Disclaimer

The information and specifications set forth in this Technical Data Sheet are based on tests conducted by or on behalf of Ames Research Laboratories, Inc. All information is subject to change and pertains to the product available at time of publication. Please contact Ames Research Laboratories to receive the most recent Technical Data Sheet.

Clean-up, Storage & Disposal

- Clean up application equipment, tools, spills, hands immediately after use with water
- Store unused product in the original container tightly sealed
- Dispose of this product in accordance with local, state, or federal requirements
- Protect from freezing

Cautions

- Do not take internally
- Keep out of reach of children
- Avoid contact with skin and eyes
- Use hand and eye protection when using this product
- Wash with soap and water after contact with skin
- If eye-contact occurs rinse with clean water and seek medical advice if symptoms continue

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