



Industrial DTM Acrylic Primer Interior / Exterior

Matte • 5350

Product Description

Aquatra Industrial Universal DTM Acrylic Primer is a specially formulated acrylic, rust inhibitive, cross-linking primer/sealer. Is designed for use on properly prepared interior and exterior surfaces in light to moderate industrial, maintenance, or new construction climates. Its special formulation offers ease of application, excellent coverage, superior adhesion, moisture and corrosion resistance and convenience. It dries fast, provides excellent durability, resists flash rusting, and is an excellent base coat for both water-based and alkyd/oil-based finish coatings.

Recommended Substrates

- Structural steel, iron & ferrous metals
- Aluminum and non-ferrous metals
- Galvanized metals
- Non-staining wood & fiberglass
- Rails, piping, tools, tanks, etc.

Product Features

- 100% acrylic formula
- Rust inhibitive & corrosion resistant
- Excellent coverage and adhesion
- Early moisture & blister resistant
- Self cross-linking
- Soap and water clean up

Product Limitations

This product is for use on properly prepared above grade horizontal and vertical substrates. Do not apply to horizontal surfaces or areas that come in constant contact with moisture or standing water.

Available bases | 5350: WB | DB* | AB*

* SPECIAL ORDER ONLY

Application: Brush, roller, airless or conventional spray

Dry time @ 50% RH*: 30 - 60 Min to touch
2 - 3 HRS to recoat

*dry times listed may vary according to the relative humidity, temperature, film build, color and air movement of the application environment

Flash Point: Nonflammable >200°F
Clean Up: Warm soapy water

Compliance

These products are VOC compliant based on limits provided by CARB, EPA, MPI GPS-1, LEEDv4, OTC and SCAQMD.

Product Data

Product Type: Waterborne Acrylic

Gloss @60°: 5 - 15

Wt Solids ±2%: 62%

Vol Solids ±2%: 47%

Wet Film Mils: 4.0 - 5.3

Dry Film Mils: 1.9 - 2.5

Coverage / Gal * 300 - 400

* coverage and wet and dry millage will vary by substrate type and porosity.

VOC gms p/L:** <100

** less exempt solvents.

Viscosity KU ±5: 115

Surface Preparation

Caution! There is the potential to release lead dust if you sand scrape or remove old paint. Lead is toxic and exposure to lead dust particles can cause serious illness including brain damage especially in children. Pregnant women should avoid exposure. If adequate ventilation is not possible, wear a NIOSH approved respirator to avoid inhalation of the fumes and wear clothing designed to prevent skin contact. Clean up carefully with a HEPA vacuum and a wet mop. Before starting your project, you can find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or visit their website at www.epa.gov/lead.

General Surface Preparation: The performance of this product is dependent on the integrity and soundness of the substrate. All surfaces should be clean and free of any dirt, rust, grease, mill oils, mill scale, efflorescence, organic growth, mildew or other contaminants that might adversely affect the adhesion and performance of this product. Any failed or deteriorated caulk or patching compound should be removed and replaced. Unpainted surfaces should be primed in accordance with manufacturer's recommendations. Glossy substrates should be deglossed prior to painting. **Mildew** - Surface areas affected by mildew should be treated with a commercial mildew wash and/or removal product carefully following manufacturer's application and safety directions. Rinse thoroughly with clean water and allow a minimum of 24 hours to dry thoroughly. **New Wood:** Unpainted wood or wood in poor condition should be sanded smooth, wiped clean and then primed. Any knots or resinous areas must be primed before painting. Countersink all nails, putty flush with surface, then prime with a quality stain blocking primer. **Ferrous Metals:** Thoroughly clean the entire surface area according to SSPC-SP 1 - Solvent Cleaning specifications. Completely remove any existing paint, as well as any loose rust, mill scale and rust deposits by hand scraping, sanding, and wire brushing according to SSPC-SP 2 - Hand Tool Cleaning specifications, or by power tool cleaning methods, such as electric sanders or grinders according to SSPC-SP 3 - Power Tool Cleaning specifications. Previously painted surfaces, whereby the existing paint show signs of serious deterioration should be completely removed in accordance with SSPC-SP 6 - Commercial Blast Cleaning, or SSPC-SP 10 - Near White Blast Cleaning specifications. Repair/ replace any damaged, delaminated and surface imperfections with the proper patching compounds or building materials, and sand all glossy surfaces to effectively existing sheen. **Fiberglass & Galvanized Metals:** solvent clean in accordance with SSPC-SP 1, lightly sand fiberglass and prime with this product.

Directions for Use: Application: Mix thoroughly prior to use and occasionally during the application process. Product should be applied by brush, roller or airless spray. Apply coating evenly by maintaining a "wet edge" and working the material deep into the cracks and voids in the substrate. When using roller application, product should be applied in a downward direction to allow for a uniform finish. When using airless spray application "back rolling" is recommended to work the material into the pores and reduce pinholes in the film. **Thinning:** Thinning is not required under normal conditions. **Clean Up:** Tools should be cleaned immediately after use with warm, soapy water. Spray equipment should be flushed thoroughly after each use. **Brush:** Use quality nylon or polyester bristle brushes. **Roller:** Use a 3/8" to 3/4" synthetic or lamb's wool cover depending on porosity. **Airless:** Minimum tip size between .015 - .019. Tip size should reflect the type of equipment and pressure being used. **Dry Time and Curing:** Do not use when air surface or product temperatures are below 50°F or above 100°F. Cleaning should not occur until 30 days after the initial application.

Safety

CAUTIONS: KEEP OUT OF REACH OF CHILDREN! DO NOT TAKE INTERNALLY! USE ONLY WITH ADEQUATE VENTILATION! Avoid prolonged contact with skin, and breathing of dust, vapors or spray mists. Avoid contact with eyes. Ensure fresh air entry during application and drying. Wear an appropriate fitted respirator (NIOSH approved.) Wear eye protection. Wash skin thoroughly after handling. Close container after each use and store in a secure, shaded and dry location. **First Aid:** In case of eye contact immediately flush with plenty of water for 15 minutes and get medical attention immediately. If swallowed do not induce vomiting and get medical attention immediately.

Storage and Disposal

Product should be kept from freezing temperatures or temperatures above 95°F. Refer to your local city or county government for instructions on disposal options.

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Please excuse the small print used on this document but most paint company datasheets are two pages long. By squeezing all this information on one page we are doing our part to save a few trees.

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