



**UMA® ADVANCED TECHNOLOGY
PRIMER SEALER BONDER (WHITE)**

DESCRIPTION AND USES

UMA® Advanced Technology Primer/Sealer/Bonder Primer is a fast drying, water-based bonding agent that has both primer and adhesive-like properties. It provides excellent adhesion to hard-to-paint surfaces even in high humidity conditions. Advanced Technology UMA Brand will form a hard film when fully cured. UMA Brand can be used for indoor and outdoor applications and can be topcoated with latex, oil-based alkyds, lacquers, epoxies and urethanes.

UMA Brand contains XIM's Flash Bond® Technology, a water-based, nano particle technology, designed to provide excellent adhesion and hardness in a low VOC formula. It is a proprietary blend of adhesive polymers, surface penetrants, surface wetting agents and polymeric film hardeners.

UMA Brand is suitable for use on wood, metal, most plastics, fiberglass, Formica®, tile porcelain, glazed block, and glass. It is also suitable for use on aluminum preceded by a solvent wipe. It is also recommended for Kynar® and silicone polyester siding. When priming Kynar® or silicone polyester siding, apply a test patch in two different areas to ensure adhesion is acceptable.

UMA Brand is not recommended for tubs, sinks and shower areas where continuous hot, soapy water contact occurs. Not recommended for use on polypropylene or polyethylene materials. Not recommended for below grade applications. For extra corrosion protection on iron or steel, use XIM360 NT Rust Inhibiting Primer. On extremely porous surfaces or severe staining types of wood, additional coats of UMA Advanced Technology Brand may be required.

MPI #17, E2, Green Certified, GPS-1*

FEATURES

- Excellent adhesion
- Improved wet adhesion on hard, glossy surfaces
- Low temperature / high humidity application
- Excellent leveling
- Low odor & compatible with all top coat paints

PRODUCTS

SKU	Description
11052	White 1-Quart
11051	White 1-Gallon
11056	White 5-Gallon

PRODUCT APPLICATION

SURFACE PREPARATION

Surfaces must be clean, dry, sound, and free of dust, dirt, wax, polish, grease, oil, chalk, loose paint and other contaminants. The surface should be sound and stable. Clean with a strong detergent, rinse and allow to thoroughly dry. For hard, glossy surfaces, including pre-finished siding, clean with XIM GON™ or xylene. Do not use solvents that leave an oily residue such as mineral spirits or turpentine. Scuff sand hard, glossy surfaces for maximum adhesion. Mold and mildewed surfaces should be cleaned with bleach, then thoroughly rinsed with clean water and allowed to dry.

* Refer to the MPI website for the most current listing of MPI certified products.

PRODUCT APPLICATION (cont.)

WARNING: If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

APPLICATION

Use in a well ventilated area when temperatures are between 40-100°F (4-38°C). It can be applied in high humidity conditions up to 90% relative humidity. Thoroughly mix to ensure any settled pigment is re-dispersed before using. If thinning is desired, use XIM Latex X-Tender at 2 ounces per gallon. Apply with a synthetic (nylon, polyester or blend) bristle brush, ¼" synthetic roller, conventional or airless spray. Follow manufacturer's instructions when using spray equipment. For airless spraying use a 0.013 to 0.015" tip at 1500 to 1750 psi.

Do not paint in direct sun or on hot surfaces. Stop application two hours before rain or heavy dew. If possible, plan your painting to avoid rain and moisture for the first 24 hours of curing. Caulk seams and edges after painting. **Note:** Do not use as a primer over silicone caulks.

DRY & RECOAT

Dry and recoat times are based on 70°F (21°C) and 50% relative humidity. Allow more time at cooler temperatures. Thicker coats will take longer to dry. Dries to the touch in 30-45 minutes and can be topcoated in 3 hours (will vary with temperature). Allow 24 hours before applying two-component paints. It will be fully cured in 7-10 days. It can be nib-sanded in 3 hours and lightly sanded after 24 hours.

CLEAN-UP

Clean up tools and equipment immediately with soap and water. Clean-up spatters and spills immediately with warm water. If UMA Brand sets up or dries, remove with XIM GON or lacquer thinner. Properly discard empty container.

**TECHNICAL DATA****UMA® ADVANCED TECHNOLOGY PRIMER SEALER BONDER****PHYSICAL PROPERTIES**

Physical Properties		UMA ADVANCED TECHNOLOGY PRIMER SEALER BONDER
Resin Type		Modified Acrylic Copolymer
Pigment Type		Titanium Dioxide, Calcium Carbonate
Solvents		Propylene Glycol, Water
Weight	Per Gallon	10.7 lbs.
	Per Liter	1.28 g/l
Solids	By Weight	44.2%
	By Volume	28.6%
Volatile Organic Compounds		<100 g/l (0.83 lbs./gal.)
Recommended Dry Film Thickness (DFT) per Coat		1.0-2.0 mils (25-50µ)
Wet Film to Achieve DFT (unthinned material)		3.5-7.0 mils (87.5-175µ)
Practical Coverage at Recommended DFT (assumes 15% material loss)		200-400 sq.ft./gal. (4.9-9.8 m ² /l) Varies depending on porosity and type of surface
Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity	Touch	30 to 45 minutes
	Topcoat	3 hours
	Full Cure	7-10 days
Shelf Life		3 years
Flash Point		>200°F (93°C)
Storage		Not to exceed 110°F (43°C) Keep from freezing
Safety Information		For additional information, see SDS

The technical data and suggestions for use contained herein are correct to the best of our knowledge, and offered in good faith. The statements of this literature do not constitute a warranty, express, or implied, as to the performance of these products. As conditions and use of our materials are beyond our control, we can guarantee these products only to conform to our standards of quality, and our liability, if any, will be limited to replacement of defective materials. All technical information is subject to change without notice.