



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

**DESCRIPTION AND USES**

UMA® Advanced Technology Brand Aerosol is a water-based bonding agent that has both primer and adhesive-like properties. It provides excellent adhesion to hard-to-paint surfaces even when wet. Advanced Technology UMA Brand Aerosol must be topcoated with latex, oil-based alkyds, lacquers, epoxies and urethanes.

UMA Advanced Technology 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 Advanced Technology 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. The UMA aerosol is **NOT** recommended for priming Kynar® or silicone polyester siding or for below grade application. The UMA aerosol is not recommended for tubs, sinks or shower or on masonry where the pH (alkalinity) is high.

**PRODUCTS**

| SKU   | Description    |
|-------|----------------|
| 11055 | 12 ounce spray |

**PAINTING CONDITIONS**

Use in a well ventilated area when temperatures are between 60-90°F (16-32°C) and when relative humidity is below 85% to ensure proper drying. Cover surrounding area to protect from spray mist.

**PRODUCT APPLICATION**

**SURFACE PREPARATION**

Surfaces must be free from wax, polish, grease, oils, chalk, dirt, loose paint and other contaminants. Use a solvent cleaner such as XIM GON™ or xylene or clean with a strong detergent and rinse well.

**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](http://www.epa.gov/lead).

**PRODUCT APPLICATION (cont.)**

**APPLICATION**

Shake can vigorously for one minute after the mixing ball begins to rattle. If mixing ball fails to rattle **DO NOT STRIKE CAN**. Contact Rust-Oleum. Shake occasionally during use. Must spray 8-12" from the surface being primed. Spray a light but wet mist coat slightly overlapping each stroke. Keep the can in motion while spraying. Keep the can the same distance from the surface. If a second coat is required, apply within the first 1 hour of the first coat. Do not use outdoors if rain is expected within 24 hours. **Do not use near open flame.**

**DRY & RECOAT**

Dry and recoat times are based on 70°F (21°C) and 50% relative humidity. Allow more time at cooler temperatures. Dries to the touch in 30-45 minutes. Topcoat with a latex, alkyd, 2K epoxy or 2X urethane after 3 hours.

**CLEAN-UP**

When finished priming, turn can upside down and press the spray valve until tip the spray mist is clear. Wipe off tip before storing. Clean-up with soap and water within 20 minutes. Properly discard empty container. Do not burn or place in home trash compactor.

**CLOGGING**

If the valve clogs, twist and pull off spray tip and rinse in a solvent such as mineral spirits. Do not insert any object into can valve opening.

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

| Physical Properties   |           | ADVANCED TECHNOLOGY PRIMER SEALER AEROSOL                   |
|---|-----------|---|
| Resin Type  |           | Water-reducible Alkyd                                       |
| Pigment Type  |           | Titanium Dioxide  |
| Solvents  |           | sec-Butyl Alcohol, Diacetone Alcohol, Dimethyl Ether, Water |
| MIR   |           | 0.70 Max  |
| Fill Weight   |           | 12 ounces   |
| Recommended Dry Film Thickness (DFT) per Coat                     |           | 1.0 mils<br>(25µ)   |
| Practical Coverage at Recommended DFT (assumes 15% material loss) |           | 10-12 sq.ft./can<br>(0.9-1.1 m <sup>2</sup> /can)           |
| Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity          | Touch     | 30-45 minutes   |
|   | Topcoat   | 3 hours   |
|   | Full Cure | 24 hours  |
| Shelf Life  |           | 2 years   |
| Flash Point   |           | -42°F (-41°C)   |
| Safety Information  |           | For additional information, see SDS                         |

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