

Description

A premium plus multi-purpose primer formulated for interior/exterior applications. Based on high performance multi-phase self-crosslinking acrylic and polyurethane polymers, Polytec Primer provides excellent adhesion to hard-to-paint surfaces and can be top coated with alkyds, acrylics, epoxy and urethane technologies. Polytec Primer is formulated for DTM applications and provides superior long term corrosion & flash rust resistance.

Polytec Primer embodies user friendly technology providing excellent flow & leveling properties that can easily be sanded if required. It is a low odor, low VOC, HAPS-free product containing no formaldehyde or isocyanates.

Recommended Uses

Wood, ferrous and galvanized metal, brass, aluminum, copper, fiberglass, concrete & most plastics and other difficult surfaces. **DO NOT USE ON TREX OR OTHER SIMILAR COMPOSITES. DO NOT USE ON STAINLESS STEEL.**

Colors

8600 White and 8610 Red Oxide

Packaging

One and five gallon containers

Finish

Low Sheen

Surface Preparation

All contaminants that may impair adhesion must be removed (i.e. grease, oil, loose contaminants).

Metal - all metal surfaces must be cleaned based on SSPC-SP1, SP2 and SP3 guidelines. New galvanized metal & very shiny/smooth metals must be acid etched.

Plastics - due to the diversity of plastics, a test sample should be applied to insure adhesion.

Application

Brush, roll or airless spray. Ambient and surface temperatures must be above 55°F and relative humidity below 80%. Clean tools with soap and water.

Drying Time

Touch: 30 minutes
Recoat: 2 hours

Coverage

Up to 300 - 350 square feet per gallon, depending on porosity and texture of the surface.

Mill Thickness

Wet = 5.0 Dry = 2.0

Thinning

Use at package consistency. If thinning is required, use water sparingly.

Composition

Titanium Dioxide	10.5%
Extenders	13.0%
TOTAL PIGMENT	23.5%
Proprietary Resin	23.75%
Additives	5.25%
Water	47.5%
TOTAL VEHICLE	76.5%

Weights & Measurements +/-3.0%

Solids by Volume:	37.0%
Solids by Weight:	47.0%
VOC:	<85 g/l
Weight Per Gal:	10.26 lbs.
Viscosity:	95-100 KU

Testing

- Adhesion (ASTM D 3359-97)
- Permability Testing (ASTM D 1653-13 Method A)
- Enamel Hold-out (ASTM D 7786)
- Humidity Resistance (ASTM D 4587-91) 10 (no effect)
- Pencil Hardness (ASTM D 3363-05)
- Water Blistering (ASTM D 714)
- Contrast Ratio (ASTM D 2805)
- Flow and Leveling (ASTM D 4062)
- Prohesion Corrosion (ASTM D 4587-11)
 - Cycle: 4 hrs Light / 4 hr Condensation
- Degree of Corrosion (ASTM D 5894-10)
- Galvanized Adhesion (ASTM D 3359-09 Method B)
- Mandrel Bend (ASTM D 522-13)
- Impact Resistance (ASTM D 6905-03)
- Flash Rust Resistance (CRGI Test Method 37)
- Chemical Resistance (ASTM D 1308-02)

Conformance

SCAQMD - complies with Rule 1113, Architectural Coatings
LEED - complies with LEED 2009

DISCLAIMER: To the best of our knowledge, the technical data contained herein are true and accurate at the date of issuance and offered in good faith. All technical information is subject to change without prior notice. This product is guaranteed to give satisfactory performance if applied and used in accordance with the label instructions. Any liability shall be limited to a refund of the purchase price, or replacement of this product. This warranty does not include labor or cost of labor for the application of any coating. All express and all implied warranties are hereby disclaimed and excluded including all implied warranties of fitness for a particular use and merchantability. Final determination of the suitability of product or intended use is the sole responsibility of the user. Additional information may be obtained from your local sales representative.

Revised 03.20