

### Interior / Exterior Acrylic Polyurethane Finish Architectural Coating - Premium Plus

#### Description

Polytec DTM Gloss is a premium plus exterior, single component, high performance architectural and light industrial coating, which is uniquely formulated with a combination of high performance self-crosslinking acrylic and polyurethane polymers fused with proprietary resin technologies. This product was developed for use as a DTM over ferrous and non-ferrous metals. Additionally this product may be used over a wide variety of surfaces including wood, concrete, masonry, aged alkyds and various plastics. **Polytec DTM Gloss** can be used under extreme environmental conditions. It offers excellent flash rust, long term corrosion & abrasion resistance. This product also provides resistance to abrasions, stains, moisture and both household & industrial chemicals. It has excellent color & gloss retention, does not yellow, is fast dry and suitable for use in USDA inspected facilities.

#### Recommended Uses

Ideal for use on properly prepared and primed structural steel, equipment, metal doors, frames and wrought iron surfaces of all types. It can also be used over properly prepared concrete, masonry, wood, many commercially available plastics and ceramic surfaces. **NOT for use on surfaces exposed to hand oils, lanolin, on kitchen cabinets or table tops. For handrails, or surfaces exposed to hand oils, use the Polytec 5700 series product.**

#### Colors

White and Black  
Bases: A, D, & M

#### Packaging

One and five gallon containers

#### Finish

Semi-Gloss, sheen at 60° = 75.0% (+/- 3.0%)

#### Surface Preparation

Remove oil, grease, dirt, loose rust, loose peeling paint or other contaminants that may impair adhesion and affect performance. Glossy or slick surfaces should be lightly sanded. **Passivation coatings applied to galvanized metal must be removed prior to priming. Newly galvanized substrates should be tested for chromates. Refer to SSPC SP-16 for proper testing and surface preparation.**

#### Primer

Concrete/Masonry:	4000 Uniprime 8000 Carefree Prime-ZALL
Wood:	4000 Uniprime 8000 Carefree Prime-ZALL
Metal Non-Galvanized:	8600 Polytec Primer 9600 Protec Metal Prime
Metal Galvanized:	8600 Polytec Primer 4800 Metal Pro Primer
Aluminum:	8600 Polytec Primer

#### Application

Brush, roll or spray. Ambient and surface temperatures must be above 50°F and relative humidity below 80%. Clean tools and equipment with soap and water.

#### Drying Time

Touch:	1 hour
Recoat:	3 hours

#### Coverage

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

#### Thickness

Wet = 5.0 mil	Dry = 2.0 mil
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#### Thinning

Use water sparingly.

#### Composition

Titanium Dioxide	17.0%
<b>TOTAL PIGMENT</b>	<b>17.0%</b>
Proprietary Resin	27.0%
Additives	4.7%
Water	51.3%
<b>TOTAL VEHICLE</b>	<b>83.0%</b>

Weights & Measurements +/-3.0%

Solids by Volume:	37.0%
Solids by Weight:	46.0%
VOC:	<50 g/l
Weight Per Gal:	9.72 lbs.
Viscosity:	100 - 110 KU

#### Testing

Adehesion (ASTM D 3359-97)	0% Removal
on steel panel	
Prohesion (ASTM D 5894-96)	No Corrosion
on steel panel (1000 hours)	
Humidity Resistance (ASTM D 4587-91)	10 (no effect)
on steel panel (100 hours)	

#### Conformance

**SCAQMD** - complies with Rule 1113, Architectural Coatings.



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Vista Paint is the industry leader when it comes to relying on renewable energy. At Vista Paint, our products are manufactured using 100% solar energy.

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