

Description

Polytec Semi-Gloss is a premium plus interior/exterior architectural coating for use over wood, drywall, cementitious substrates and primed metal. The product is based on a multi-phase self crossed-linking acrylic & polyurethane polymer system that contains several proprietary resin technologies. This provides the coating with an extremely tough surface resistant to household chemicals and surface damage due to heavy use. These attributes provide the coating with a hard durable surface, characteristic of a superior architectural coating. In addition, this new technology has excellent adhesion to a variety of surfaces including plastics. Because it is formulated with the latest in self-crosslinking acrylic polyurethane polymers it does not yellow with aging. Polytec Semi-Gloss has excellent scuff & burnish resistance especially in dark colors and is resistant to abrasion, stains, moisture, lanolin, hand oils and household & industrial chemicals. Environmentally the technology has a VOC <50 g/l and has a very low odor emittance, making it an excellent product for interior applications.

Recommended Uses

Cabinets, wood paneling, doors, frames, furniture and properly primed plaster, drywall, concrete & masonry surfaces. All metal surfaces must be primed or previously coated prior to application. ***This product IS NOT recommended directly on metal (NOT a DTM product) or for table tops.***

Colors

White & Off White
Bases: H, P, D and A

Packaging

One and five gallon containers

Finish

Semi-Gloss, sheen @ 60° = 55.0% (+/-3.0%)

Surface Preparation

Proper preparation is essential to performance of water based coatings. 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. For caulking use Vista 55-year caulk.

Primer

Plaster / Drywall:	8000 Carefree Prime-ZALL
Concrete / Masonry:	4600 Uniprime II
	8000 Carefree Prime-ZALL
New Wood (Interior):	6600 AquaLac
	8000 Carefree Prime-ZALL
Repaint Wood (Interior):	8000 Carefree Prime-ZALL
	8600 Polytec Primer

Primer (continued)

Wood (Exterior):	4000 Uniprime
	8000 Carefree Prime-ZALL
Metal Non-Galvanized:	8600 Polytec Primer
	9600 Protec Metal Primer
Metal Galvanized:	4800 Metal Pro Primer
	8600 Polytec Primer
Aluminum:	8600 Polytec Primer

Application

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

Drying Time

Touch:	1 hour
Recoat:	4 hours

Coverage

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

Mill Thickness

Wet = 5.0	Dry = 2.0
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Thinning

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

Composition

Titanium Dioxide	20.0%
Extenders	0.5%
TOTAL PIGMENT	20.5%
Proprietary Resins	27.2%
Additives	4.5%
Water	47.8%
TOTAL VEHICLE	79.5%

Weights & Measurements +/-3.0%

Solids by Volume:	37.9%
Solids by Weight:	50.3%
VOC:	<50 g/l
Weight Per Gal:	10.4 lbs.
Viscosity:	100 - 110 KU

Conformance

SCAQMD - complies with Rule 1113, Architectural Coatings

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.

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