Polytec Clear

8910 / 8920 / 8940 / 8960

Manufactured Using 100% Solar Energy

Interior/Exterior Waterbased Pre-Catalyzed Urethane Wood Coating

Architectural Coating - Premium

Description

Polytec Clear is a premium single-component pre-catalyzed urethane wood coating available in various finishes It has been formulated with a combination of high performance, multi-phase, self-crosslinking acrylic and polyurethane polymers. It is a high performance, waterborne clear coating developed for interior/exterior applications which demand exceptional clarity and resistance over all types of wood surfaces including kitchen cabinets and fine furniture.

Polytec Clear provides a non-yellowing finish. This product has excellent resistance to abrasions, stains, moisture, household chemicals and industrial chemicals. Polytec Clear is an environmentally responsible coating, having a VOC of less than 50 g/l, very low odor, is HAPs-free and contains no formaldehyde or isocyanates.

Recommended Uses

Polytec Clear is formulated for kitchen cabinets, wood trim, furniture, wood railings and other wood fixtures. This product can also be applied over painted surfaces to enhance gloss and durability, which includes Protec Metallics.

Do not use this product over exterior decks, siding, fences, factory prefinished flooring, wax, silicone, or unpainted metal surfaces.

Further, it is also recommended that a spot test application be performed to ensure satisfactory results prior to finishing the entire project.

Packaging

Quarts (Eggshell & Semi-Gloss only), One and Five gallon containers (all finishes).

Finish

8910 Matte	@ 60°	= 10.0%
8920 Eggshell	@ 60°	= 20.0%
8940 Semi-Gloss	@ 60°	= 40.0%
8960 Gloss	@ 60°	= 60.0%

Surface Preparation

Surfaces must be clean, dry and free from all contaminants that may impair adhesion (i.e. hand oils, dirt, loose peeling paint, etc.). Scuff sand any hard or pre-existing gloss finishes for maximum adhesion.

Primer

Wood: 8901 Polytec Clear Sanding Sealer*

***sanding sealer can be sanded in 30 minutes under normal conditions.**

Application

Brush, roll or airless spray. Ambient and surface temperatures must be above 55°F and relative humidity below 80%. For airless spray applications use 0.013 - 0.015 tips. Clean tools with soap and water.

Drying Time

Touch:	30 minutes
Recoat:	2 hours

Coverage

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

Mil Thickness

Wet = 5.0 Dry = 2.0

Thinning

Use water sparingly.

Composition

Proprietary Resin	31.5%
Additives	2.5%
Water	66.0%
TOTAL VEHICLE	**100.0%**

Weights & Measurements +/-3.0%

Solids by Volume:	31.0%
Solids by Weight:	34.0%
VOC:	<50 g/l
Weight Per Gal:	8.68 lbs.
Viscosity:	60 sec. Zahn Cup #2

Testing

Adhesion (ASTM D 3359-97)
no failure
Humidity Resistance (ASTM D 4587-91)
10 (no effect)
KCMA testing meets requirements

Conformance

SCAQMD - complies with Rule 1113, Architectural Coatings
LEED - complies with LEED 2009
Regulatory Coating Type: Non Flat

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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