

Interior / Exterior Water-Based Pre-Catalyzed Urethane Wood Coating Architectural Coating - Premium

8910/8920/8940/8960 Polytec Clear Interior / Exterior Water-Based Pre-Catalyzed Urethane Wood Coating

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%
8910 Semi-Gloss	@ 60° = 40.0%
8910 Gloss	@ 60° = 60.0%

Surface Preparation

All surface must be clean, dry and free from contaminants that may impair adhesion (i.e. hand oil, 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 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 and equipment 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.

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)
KCMS testing meets requirements	

Conformance

SCAQMD - complies with Rule 1113, Architectural Coatings and Rule 1136, Wood Coatings



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