



Epoxy &
Polyurethane
Manufacturing and
Research

TECHNICAL BULLETIN

REMBRANDT POLYMER STAIN

Water Extended Acrylic Urethane

Description

REMBRANDT POLYMER STAIN is an acrylic urethane polymer solution formulated with the finest available pigments for color and UV stability. REMBRANDT POLYMER STAIN is ultra-low in VOC, void of any objectionable odor, has exceptional adhesive strength, and outstanding wear qualities. This quality stain is available in a full pallet of pigments that produces an unlimited variation of color patterns. REMBRANDT POLYMER STAIN should be considered an excellent choice for decorative staining interior and exterior surfaces. Mix no more than four 4 oz. bottles of REMBRANDT pigment to one gallon of polymer base or no more than one 4 oz. bottle per quart.

Applications

REMBRANDT POLYMER STAIN is applied to properly prepared concrete, plaster, polymer cement, and wood as a stain, wash or faux finish. Typical applications include walkways, decks, commercial and residential floors, hospitals, schools, shopping malls, restaurants, and theme parks. REMBRANDT POLYMER STAIN must be top coated with EPMAR specified clear coats for additional abrasion resistance, chemical resistance, and sanitary cleanliness.

Performance

Stain Resistance (When Topcoated)	Mustard, Catsup, Soft Drinks, Coffee, Grease & Grime, Fruit Juices, Commercial Cleaners.
Excellent Workability	Brush, Roll, Mottling, & Spray Applications

Physical Characteristics

Volume Solids	20%
Packaging	Ones and Quarts
Flash Point	>200°F.
Dry Time	@70°F. 50% RH, 30 minutes 1 hour to touch 2-3 hours to Clear Coat Full cure in 48 hours (washability)
Coverage	150-400 ft ² /gallon – per coat. Coverage will vary with intensity of color and look desired.
Thinning	None required. Use mild soap and tap water for cleanup.
Primers	None required. Typically used as a transparent stain on bare cement/plaster, polymer cement, and wood.
Colors	Phthalo Blue, Medium Yellow, Yellow Oxide, Monoazo Red, Red Oxide, Orange, Phthalo Green, Raw Umber, Raw Sienna, Burnt Umber, Burnt Sienna, Violet, Black, White, Tweed, Adobe, Oyster and Sand.
Topcoats	KEMIKO® SS2700 Clear Polyurethane, KEMIKO® SS3700 Clear Epoxy, KEMIKO® SS1600 and Stone Tone Sealer II



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Surface Preparation

Concrete, Plaster, Polymer Cements –

All visible oil, grease, sludge, and any other contaminants shall be removed prior to any abrasive surface preparation, acid etching and water washing. Surface shall be cured, dry and free from alkali stain and laitance. Blastrac or other abrasive preparation is preferred for long term adhesion and non-slip surface.

Wood –

Surface must be completely dry, free of any contaminants, mildew and organic matter.

Application Methods

Mixing –

Mix pigment concentrate with polymer base at a rate of no more than 4 oz. per quart or 16 oz. per gallon. Shake or otherwise mix until uniform and no white material is visible at the bottom of the container.

Brush –

Use top-quality nylon bristle brush for best film properties.

Mottling –

Use clean cloths or sponges for faux finishing, aging and graining.

Roller –

Lambswool or similar cover with phenolic core, ¼ - ½ inch nap thickness.

Spray –

Commercial conventional air spray or airless spray equipment utilizing spray gun tip size between .013"-.015". Adjust pressure for proper atomization. Hudson and other hand held commercial sprayers could be used to achieve desired results.

Environment –

Apply between 50°F. – 100°F. and 5°F. above dew point.

Safety –

Areas such as pool decks, sloped driveways, or other surfaces subjected to water may become slippery when topcoated with specified products. If you must seal these surfaces, keep the sealer film build-up to a minimum. In severe cases a non-slip material such as fine glass beads, washed silica sand and other aggregates may be broadcasted between coating applications.

Contact EPMAR for any additional application information.

Warranty

The following warranty is made in lieu of all other warranties, either expressed or implied. This product is manufactured of selected raw materials by skilled technicians. Neither seller nor manufacturer has any knowledge or control concerning the purchaser's use of this product and no warranty is made as to the results of any use. The only obligation of either seller or manufacturer shall be to replace any quantity of this product, which is proved to be defective. Any claim of defective product must be received in writing within one (1) year from date of shipment. Neither seller nor manufacturer assumes any liability for injury, loss, or damage resulting from use of this product.

Service is part of our formula

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