

# TECHNICAL BULLETIN

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## **REMBRANDT POLYMER STAIN** *Water Extended Acrylic Urethane*

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### **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 palette of pigment that produces an unlimited variation of color patterns. REMBRANDT Polymer Stain should be considered an excellent choice for decorative staining interior and exterior surfaces.

### **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**

**VOC – <30 g/l - Meets Final SCAQMD Rule 1113 (2008)**

**Stain Resistance (When Top-coated) – Mustard, Catsup, Soft Drinks, Coffee, Grease & Grime, Fruit Juices, Commercial Cleaners.**

**Excellent Workability – Brush, Roll, Mottling, & Spray Applications**

### **Physical Characteristics**

Volume Solids:	20%
Weight Per Gallon:	8.5 lbs.
Packaging:	1s, 5 <sup>s</sup> , 55 <sup>s</sup>
Flash Point:	>200°F.
Colors:	Phthalo Blue, Medium Yellow, Yellow Oxide, Monoazo Red, Red Oxide, Orange, Phthalo Green, Raw Umber, Raw Sienna, Burnt Umber, Violet, and Burnt Sienna.
Dry Time:	@70°F. 50% RH, 30-60 minutes touch, 2-3 hours to Clear Coat. Full cure in 48-hours (wash ability)

Coverage: 150-300 square feet per gallon – per coat  
 Thinning: None required. Use mild soap and tap water for clean-up  
 Primers: None Required. Typically used as a transparent stain on bare cement/plaster, polymer cement, and wood  
 Topcoats: Kemiko Stone Tone Sealer, Sta-Crete 1600 Clear Epoxy, Sta-Crete 2700 Clear Polyurethane, Sta-Crete 3700 Clear Epoxy. Refer to systems for complete application instructions.

**Surface Preparation**

**Concrete, Plaster, Polymer Cements** – All visible oil, grease, sludge, and any other contaminants must be removed. Surface shall be cured, dry and free from dark alkali stain and laitance. **Abrasive surface preparation, ‘Profiling’, is imperative. Acid etch, sand blast, Blas-Trac or other abrasive preparation is necessary for long term adhesion and non-slip surface before water washing.**

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

**Application Methods**

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

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

**Roller** – Lambs wool 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 top-coated 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.

**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. **(No product return after 30 days of purchase.)**

**PRICING**

**Earth Tones:** \$39.95/gallon, approx. 150 – 300 sq. ft. coverage per gallon per coat  
 (Red Oxide, Yellow Oxide, Burnt Sienna, Raw Sienna, Burnt Umber, Raw Umber)

**Vibrant Colors:** \$49.95/gallon, approx. 150-300 sq. ft. coverage per gallon per coat  
 (Violet, Monoazo Red, Phthalo Green, Phthalo Blue, Orange and Medium Yellow)

**Rembrandt (translucent) base coats:** \$39.95 per gal., approx. 150-300 sq. ft. coverage per gal/per coat.  
 (Rembrandt White, Rembrandt Black, Rembrandt Tweed, Rembrandt Sand, Rembrandt Adobe, and Rembrandt Oyster).

**Topcoats:**

Kemiko Stone Tone Sealer II	\$42.95/gal, approx. 250-300 sq ft coverage per gallon
Sta-Crete 1600 Clear Epoxy	\$64.95/gal, approx. 350-400 sq ft coverage per gallon
Sta-Crete 2700 Polyurethane	\$151.20/gal, approx. 300-400 sq ft coverage per coat
Sta-Crete 3700 Clear Epoxy	\$54.95/gal, approx. 350 sq ft coverage per coat