



Concrete
Coatings &
Floor Systems

APPLICATION BULLETIN

Kemiko® Rembrandt Polymer Stain (45 Series)

Description

Kemiko Rembrandt Polymer Stain is a water extended acrylic urethane polymer solution formulated in conjunction with the finest available pigment dispersions for intense color and UV stability. Rembrandt Polymer Stain is ultra-low in VOC, void of any objectionable odor, has exceptional adhesive strength and outstanding wear resistance qualities. This water-based acrylic urethane stain is available in a full pallet of pigments that can be used as provided or blended to produce a nearly unlimited variation of color patterns. Rembrandt Polymer Stain applied over properly prepared Kemiko Buildable Overlay is an excellent choice for staining of interior and exterior surfaces to produce faux finishes such as faux wood, stone, brick and an array of other faux finishes, which are only limited by the imagination.

Applications

Kemiko Rembrandt Polymer Stain can be applied to properly prepared concrete, plaster, polymer cement and wood. This product can be used with wet-in-wet or wet-in-dry techniques as a stain, wash, color coat and faux finish. Typical applications include: walkways, decks, commercial floors, residential floors, hospitals, schools, shopping malls, restaurants and theme parks. It is mandatory that a top coat is applied to this product. Kemiko offers many single component and two component topcoat systems in various sheens to provide UV stability, wear resistance, chemical resistance, solvent resistance and water resistance.

Surface Preparation

Concrete

Surface must be cured, dry and free from stains and laitance. All visible oil, grease or any other contaminants must be removed prior to application of coating. Surface preparation includes using concrete grinding and shot blasting to achieve a surface profile of CSP 3. The concrete should have a slight texture for the coating to achieve proper penetration and adhesion. Clean surface and ensure that all dust, debris and contaminants have been removed. Check concrete preparation by applying water over a small area of the concrete surface, especially in areas that had oil and grease stains. If water beads on the surface, additional surface preparation is needed. If concrete darkens with no water beading on the surface, then the surface is ready to be coated. It is advisable to test a small area with sealer before starting the job to ensure that the substrate is compatible with this sealer choice.

Existing Coatings

This product is not intended for application over existing coatings other than pre-existing Kemiko Rembrandt for wet-in-wet and wet-in-dry techniques.

Warning: Wear a NIOSH approved respirator to control toxin exposure. Scraping, sanding or removing old paint may release toxic lead dust. Exposure may lead to serious illness, such as brain damage, especially in children. Pregnant women should avoid exposure. Clean up carefully with a HEPA vacuum and a wet mop.

Mixing Instructions

Shake well prior to use. Kemiko Rembrandt is supplied as clear polymer and pigmented concentrates. Add up to four 4 ounce bottles of Rembrandt pigmented concentrate for every 1 gallon of clear polymer. Adding less pigmented concentrate will result in a more transparent effect, while adding the maximum recommended amount will result in a more opaque effect.



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Application Instructions

This product can be applied using several different methods, outlined below. Tape off any area that does not require a coating. Apply 1-2 even coats at the recommended wet film thickness, allowing up to 10 hours after dry-to-touch state has been reached between coats. Do not let material puddle. Do not thin material.

- Brush** Use high quality bristle brush for best film properties
- Roller** Use lambswool or similar cover with phonolic core, 1/4" nap. De-lint roller prior to use
- Spray** Use low pressure, conventional pump-up sprayer with cone tip or airless sprayer

Clean Up

Use warm water and mild soap to clean tools. Use warm water and mild soap to clean hands and skin.

Environmental Conditions

Apply between 50°F-80°F (10°C-27°C) and 5°F (3°C) above dew point. Avoid using in direct sunlight. Do not apply on rainy or foggy days.

Storage Conditions

Store between 50°F-100°F (10°C-32°C). Keep in a cool, well-ventilated area, away from direct sunlight and heat. Store in a segregated and safe area, avoiding all possible sources of ignition.

Safety

Care should be taken when using this product. During application, use proper protective equipment including, but not limited to: protective eyewear, proper respirator and protective gloves. Ensure work spaces are well-ventilated. Refer to the Technical Bulletin for technical information. Refer to product label and SDS carefully for more detailed safety information prior to use or handling.

Disclaimer

Information provided in this Technical Bulletin is based on laboratory testing and is used as a guideline only. Customer should test the material for their specific application and under their application conditions before using the product on a project.

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.

Contact EPMAR for any additional application information



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