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Product Guide Specification

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format, including *MasterFormat*, *SectionFormat*, and *PageFormat*, contained in the *CSI Manual of Practice*.

The section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the drawings.

Delete all "Specifier Notes" when editing this section.

SECTION 09935

POLYMER STAIN

Specifier Notes: This section covers Kemiko "Rembrandt Polymer Stain" for application to properly prepared interior and exterior, horizontal and vertical concrete, plaster, polymer cement, and wood surfaces.

Consult Kemiko for assistance in editing this section for the specific application.

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Polymer stain.

1.2 RELATED SECTIONS

Specifier Notes: Edit the following list of related sections as required for the project. List other sections with work directly related to this section.

- A. Section 09936 - Clear Floor Sealer.

1.3 REFERENCES

Specifier Notes: List standards referenced in this section, complete with designations and titles. This article does not require compliance with standards, but is merely a listing of those used.

1.4 SUBMITTALS

- A. Comply with Section 01330 - Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including surface preparation and application instructions.
- C. Color Samples: Submit manufacturer's standard color chart.

Specifier Notes: Delete the applicator's project references submittal if not required for the specific application.

- D. Applicator's Project References: Submit list of successfully completed projects, including project name and location, name of architect, and type and quantity of polymer stains applied.
- E. Maintenance Instructions: Submit manufacturer's maintenance and cleaning instructions.

1.5 QUALITY ASSURANCE

Specifier Notes: Delete applicator's qualifications if not required for the specific application.

- A. Applicator's Qualifications:
 - 1. Successful experience in application of similar polymer stains.
 - 2. Employ persons trained for application of polymer stains.

Specifier Notes: Describe requirements for a meeting to coordinate the application of the polymer stain.

- B. Pre-application Meeting: Convene a pre-application meeting before start of application of polymer stain. Require attendance of parties directly affecting work of this section, including Contractor, Architect, and applicator. Review surface preparation, application, protection, and coordination with other work.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying manufacturer, product name, and polymer stain color.
- B. Storage: Store materials in clean, dry area indoors in accordance with manufacturer's instructions. Keep containers sealed until ready for use.
- C. Handling: Protect materials during handling and application to prevent damage or contamination.

1.7 ENVIRONMENTAL REQUIREMENTS

- A. Apply Polymer Stain with Air Temperature:
 - 1. Between 50 degrees F and 100 degrees F.
 - 2. 5 degrees F above dew point.

PART 2 PRODUCTS

2.1 MANUFACTURER

- A. Kemiko Stain For Concrete, PO Box 1109, Leonard, Texas 75452. Phone (903) 587-3708. Fax (903) 587-9038. Web Site www.kemiko.com. E-Mail sales@kemiko.com.

2.2 POLYMER STAIN

- A. Polymer Stain: Rembrandt Polymer Stain.
 - 1. Description: Water-extended, acrylic urethane polymer solution with added pigments.
 - 2. Volume Solids: 20 percent.
 - 3. VOC: Less than 30 g/L.

Specifier Notes: Specify the desired color and delete the others.

- 4. Color: [Phthalo Blue] [Medium Yellow] [Yellow Oxide] [Monoazo Red] [Red Oxide] [Orange] [Phthalo Green] [Raw Umber] [Raw Sienna] [Burnt Umber] [Burnt Sienna] [Violet].

Specifier Notes: Rembrandt polymer stain must be topcoated with one of the following clear topcoats. Specify the desired clear topcoat and delete the others. Consult Kemiko for additional information.

- B. Clear Topcoat: [Rembrandt Clear Sealer] [Sta-Crete 2700 Clear Polyurethane] [Sta-Crete 3700 Clear Epoxy].

PART 3 EXECUTION

3.1 EXAMINATION

- A. Examine surfaces to receive polymer stain. Notify Architect if surfaces are not acceptable. Do not begin surface preparation or application until unacceptable conditions have been corrected.

3.2 SURFACE PREPARATION

- A. Protection: Protect surrounding surfaces not to receive polymer stain.
- B. Prepare surfaces in accordance with manufacturer's instructions.
- C. Concrete, Plaster, and Polymer Cement:
 - 1. Remove dirt, dust, oil, grease, and other surface contaminants before abrasive surface preparation, acid etching, and water washing.
 - 2. Ensure surfaces are cured, dry, and free from alkali stain and laitance.
 - 3. Ensure concrete is a minimum of 28 days old.
- D. Wood: Ensure surfaces are clean, dry, and free from mildew, organic matter, and surface contaminants.

3.3 APPLICATION

- A. Apply polymer stain in accordance with manufacturer's instructions at locations indicated on the drawings.

Specifier Notes: Edit the following sentence as required for the specific application.

- B. Apply polymer stain as a [stain] [wash] [faux finish].
 - C. Do not add thinners or dilute polymer stain.
 - D. Apply clear topcoat over polymer stain in accordance with manufacturer's instructions.
 - E. Keep material containers closed when not in use to avoid contamination.
 - F. Use application equipment, tools, pressure settings, and techniques in accordance with manufacturer's instructions.
 - G. Apply polymer stain to be free of film characteristics and defects that would adversely affect performance or appearance.
- 3.4 PROTECTION**
- A. Protect completed polymer stain from damage during construction.

END OF SECTION