



RAINSTOPPER® ARCHITECTURAL STAINS

PART 1 GENERAL

1.01 SUMMARY

- A. **Section Includes:** Architectural stains
- B. **Related Sections:** Section(s) related to this section include:
 - 1. Concrete: Division 3. Concrete Sections.
 - 2. Masonry: Division 4. Masonry Sections.

1.02 SYSTEM DESCRIPTION

- A. **Performance Requirements:** Provide architectural stains which have been manufactured and installed to maintain performance criteria stated by manufacturer.

1.03 SUBMITTALS

- A. **General:** Submit listed submittals in accordance with *Conditions of the Contract* and Division 1 Submittal Procedures Section.
- B. **Product Data:** Submit product data, including manufacturer's Technical Data for specified products.
 - 1. Submit manufacturer's technical information and application instructions for each material proposed for use.
- C. **Quality Assurance Submittals:** Submit the following:
 - 1. Manufacturer's Instructions: Manufacturer's installation instructions.
 - a. Manufacturer's recommended application procedures which, when approved by Architect, will become the basis for accepting or rejecting actual application procedures used on the work.

1.04 QUALITY ASSURANCE

- A. **Installer Qualifications:** Installer experienced in performing work of this section who has specialized in the installation of work similar to that required for this project.
- B. **Mock-Ups:** Install at project site a job mock-up using acceptable products and manufacturer approved installation methods. Obtain Owner and Architect's acceptance of finish and workmanship standard.
 - 1. Mock-Up Size: For each system specified, provide 8' x 8' (2.4 x 2.4 m) wall mock-up for approval prior to beginning project application of each water repellent system.
- C. **Pre-Installation Meetings:** Conduct pre-installation meeting to verify project requirements, substrate conditions, manufacturer's installation instructions and manufacturer's warranty requirements.

1.05 DELIVERY, STORAGE AND HANDLING

- A. **Delivery:** Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact. Include material safety data sheets.
- B. **Storage and Protection:** Store materials protected from exposure to harmful weather conditions and temperature conditions recommended by manufacturer.
 - 1. Lids must be kept tightly sealed. Do not allow moisture to enter containers.
 - 2. Store containers in a dry place, upright and airtight at temperatures of 45°F (7°C) and not exceeding 100°F (38°C).

1.06 PROJECT CONDITIONS

- A. **Environmental Requirements/Conditions:** Substrate and ambient air temperature shall be in accordance with manufacturer's installation instructions.
1. Weather Conditions: Apply coating only when temperature of surfaces to be coated and surrounding air temperatures are between 45°F and 100°F (7°F- 38°C), unless otherwise permitted by manufacturer's printed instructions.

1.07 WARRANTY

- A. **Project Warranty:** Refer to *Conditions of the Contract* for project warranty provisions.
- B. **Manufacturer's Warranty:** Submit, for Owner's acceptance, manufacturer's standard warranty document executed by authorized company official.
1. Warranty Period: (Specify Term) years commencing of Substantial Completion.

PART 2 PRODUCTS

2.01 ARCHITECTURAL STAINS

- A. **Manufacturer:** Textured Coatings of America, Inc. (TCA).
1. Contact: 4101 Ravenswood Road, Suite 218, Fort Lauderdale, FL 33312-5371; Telephone (954) 581-0771; Fax (954) 581-9516.
 2. Contact: 2422 E. 15th Street, Panama City, FL 32405
Telephone (800) 454-0340; Fax (850) 913-8619
 3. Contact: 5950 S. Avalon Blvd, Los Angeles, CA
Telephone: (323) 233-3111; Fax: (323) 232-1071
- B. **TEX•COTE[®] RAINSTOPPER[®] Concrete Stain** – Architectural Stain – Concrete-Block-Cement Plaster
- C. **TEX•COTE[®] RAINSTOPPER[®] Silicone Acrylic Concrete Stain** - Architectural Stain – Concrete-Block-Cement Plaster
*Consult manufacturer for other approved substrates.
- D. **Test performance**
- | | |
|---|---|
| Water Vapor Transmission, ASTM E96 | 5.9 English Perms |
| Salt Spray resistance, ASTM B-117, 500 hrs | Excellent |
| Freeze / Thaw, 50 cycles (FL DOT 400-15.2.6.7) | Pass |
| Water Absorption, ASTM C642 | 20X reduction |
| Weather-o-meter, ASTM G-153 | 5000 hour, no cracking, crazing
or adhesive loss |
| Scaling Resistance, ASTM C672 | No defects |
| Chloride Ion Penetration Resistance, AASHTO T259/T260..... | 1/16" to 1/2" 82% reduction |
| | 1/2" to 1" 94% reduction |
| Peel resistance | Excellent |
| Chemical resistance, Sodium chloride; calcium chloride;
sodium hydroxide | Excellent |

2.02 MIXES

- A. **Mixing:** Mix proprietary materials in accordance with manufacturer's instructions, including product data and product technical bulletins.

2.03 SOURCE QUALITY

- A. **Source Quality:** Obtain architectural stain from a single manufacturer.

PART 3 EXECUTION

3.01 MANUFACTURER'S INSTRUCTIONS

- A. **Compliance:** Comply with manufacturer's product data, including technical bulletins, product catalog installation instructions.

3.02 EXAMINATION

- A. **Site verification of Conditions:** Verify substrate conditions, which have been previously installed under other sections, are acceptable for product installation in accordance with manufacturer's instructions.

Applicator must examine areas and conditions under which architectural stain is to be applied and notify Contractor in writing of conditions detrimental to proper and timely completion of work. Do not proceed with work until satisfactory conditions have been corrected in a manner acceptable to the applicator.

1. Prior to application of architectural stain, existing areas shall be examined and determined to be a sound, tightly bonded surface. Areas unsound, not tightly bonded should be repaired according to proper installation procedures. Joints and openings shall be sealed with compatible systems.

3.03 PREPARATION

- A. **Adjacent Surfaces Protection:** Protect adjacent work areas and finish surfaces from damage during product installation.
1. Mask glass, shrubbery and asphalt surfaces.
- B. **Surface Preparation:**
1. General: Perform preparation and cleaning procedures in accordance with manufacturer's instructions as herein specified, for each particular substrate and condition.
- C. Surfaces shall be sound, clean, dry and cured a minimum of 14 days prior to application of stain. Such surface contaminants as dust, dirt, mildew, form oils, loose substrate, etc., shall be removed. Excessive form oils, release agents and curing compounds may require a light sandblasting.
1. Large cracks, holes and voids must be filled with cement patching compound recommended by manufacturer. Texture of patch shall match texture of existing surface.

3.04 INSTALLATION / APPLICATION

A. **General:**

1. Do not apply over frozen or damp surfaces or when rain is imminent or over incompatible substrate, such as release agents, form oils and any foreign material. Remove such incompatible substrates.

B. **Application:**

1. Architectural Stain:
 - a. Clean, dry surface apply architectural stain with full coverage rate with recommended spray equipment.
 - b. Application shall be at a uniform coverage over entire surface being covered as per manufacturer's technical data.

3.05 CLEANING

- A. **Cleaning:** Remove temporary coverings and protection of adjacent work areas. Repair or replace damaged installed products.

END OF SECTION