

SECTION 09963

ELASTOMERIC WALL COATINGS

PART 1 GENERAL

1.1 SECTION INCLUDES

A. Elastomeric coating system, comprised of primer and one or more coats of elastomeric coating; exterior elevations.

B. _____.

1.2 RELATED SECTIONS

A. Section 03300 - Cast-In-Place Concrete.

B. Section 03400 - Precast Concrete.

C. Section 04810 - Unit Masonry Assemblies.

D. Section 07100 - Dampproofing and Waterproofing.

E. Section 07900 - Joint Sealers/.

F. Section 09220 - Portland Cement Plaster.

G. Section 09900 - Paints and Coatings.

H. Section 09980 - Coatings for Concrete and Masonry.

I. Section _____ - _____.

1.3 REFERENCES

A. Federal Specifications (FS):

1. TT-P-19 - Paint, Acrylic Emulsion: Exterior.

2. TT-P-55 - Paint, Polyvinyl Acetate Emulsion, Exterior.

3. TT-C-555 - Coating, Textured (For Interior and Exterior Masonry Surfaces).

B. _____.

1.4 SYSTEM DESCRIPTION

A. Elastomeric coating specified herein is a tough, flexible, heavy-duty waterproof material with over 500

percent elongation properties, allowing moisture vapor transmission.

- B. Primer products are specifically designed for compatibility with elastomeric coating.

1.5 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Product Data: Three copies of manufacturer's current technical data sheets for materials.
- C. Samples: One draw down in each specified color.

1.6 QUALITY ASSURANCE

- A. Installer Qualifications: Minimum five years experience regularly engaged and specializing in the application of specialty surface treatments to exterior wall substrates.
- B. Pre-Installation Meetings:
 - 1. Before Application: Installer and Manufacturer's Representative shall inspect surfaces to be treated, noting in writing to the Architect, deficiencies or flaws in the substrate construction which would affect the performance or appearance of the elastomeric coating.
 - 2. Beginning of Application: Manufacturer's Representative shall assure utilization of proper equipment, verify material quantities, and supervise material application techniques upon a substantial wall section. This wall section shall act as a comparative standard for the project.
- C. Installer shall not proceed with material application until all deficiencies noted in pre-application inspection report have been corrected.
- D. Installer shall notify manufacturer no less than 72 hours before starting application.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials in original sealed containers, clearly marked with manufacturer's name, type of material, and batch number.

- B. Inspect the materials upon delivery to assure that specified products have been received.
- C. Store materials where temperatures are not less than 40 degrees F (4.5 degrees C).
- D. Use all means necessary to protect material before, during, and after installation, and to protect work of other trades.

1.8 ENVIRONMENTAL REQUIREMENTS

- A. All materials shall comply with current Federal and State environmental requirements.

1.9 WARRANTY

- A. Manufacturer's Material Warranty: Manufacturer's warranty against water intrusion:
 - 1. Warranty Period: Five years from date of Substantial Completion.
 - 2. Warranty Period: Ten years from date of Substantial Completion.
- B. Installer Warranty: Warrant workmanship for a period of two years from the date of Substantial Completion.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Rainguard Products Company; 3471 Via Lido, Suite 213, Newport Beach, CA 92663: ASD. Tel: (888) 765-7070; Fax: (949) 675-3450; Website: www.rainguard.com
- B. Requests for substitutions will be considered in accordance with provisions of Section 01600.

2.2 MATERIALS

- A. Primer: Rainguard Products Company "Tec-Seal" or "Tec-Seal II" primer, as recommended by manufacturer for specific substrate.

- B. Elastomeric Coating: Rainguard Products Company "Tec-Top" elastomeric coating, meeting or exceeding FS TT-P-19, TT-P-55, and TT-C-555 by performance.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verify that surfaces to be coated are in proper condition.
 - 1. New substrates: Cured 30 days before application.
 - 2. Cured substrates: Allowed to dry three to seven days in warm, clear weather following rainfall before application.
 - 3. Substrate moisture content: No higher than 15 percent as registered on an electronic moisture meter.
- B. Where freezing conditions have existed before application, allow adequate time for building to thaw.

3.2 PREPARATION

- A. Thoroughly clean substrates of foreign substances, such as dirt, efflorescence, mortar spills, dust, chalk, laitance, form oils, and loose paint.
- B. Protect work of other trades against damage by coating, whether to be coated or not.

3.3 APPLICATION

- A. Apply materials in strict accordance with manufacturer's recommendations and when substrate surface temperature is between 45 and 90 degrees F (7 and 32 degrees C).
- B. Apply primer; allow to cure 24 hours before application of elastomeric coating.
- C. Brush, roll, or spray elastomeric coating using conventional mastic equipment or large capacity airless spray equipment.
- D. Apply number of coats of elastomeric coating as recommended by manufacturer for specific substrate.

- E. Backroll elastomeric coating as necessary to provide a pinhole free application of uniform finish, color, and appearance.

3.4 FIELD QUALITY CONTROL

- A. Manufacturer's Representative shall inspect all coated surfaces after work is complete to verify proper application.

3.5 ADJUSTING AND CLEANING

- A. If damage occurs, immediately make all repairs and replacements necessary at no additional cost to Owner.
- B. During process of work, remove discarded coating materials, rubbish, cans, and rags at end of each workday.
- C. Correct any damage by cleaning, repairing or replacing, and recoating, as acceptable to Architect.

END OF SECTION