



SECTION 03925

CONCRETE RESURFACING AND REHABILITATION

Display hidden notes to specifier. (Don't know how? [Click Here](#))
Copyright 2009 ARCAT, Inc. - All rights reserved

PART 1 GENERAL

1.1 RELATED SECTIONS

- A. Section 03300 - Cast-In-Place Concrete: New concrete.

1.2 REFERENCES

- A. AASHTO M148 - Standard Specification for Liquid Membrane-Forming Compounds for Curing Concrete (same as ASTM C 309).
- B. ASTM C 309 - Standard Specification for Liquid Membrane-Forming Compounds for Curing Concrete.
- C. ASTM C 1107 - Standard Specification for Packaged Dry, Hydraulic-Cement Grout (Nonshrink).
- D. COE CRD-C 621 - Standard Specification for Packaged Dry, Hydraulic-Cement Grout (Nonshrink) (same as ASTM C 1107).

1.3 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. [[Product Data](#)]: Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation methods.
- C. Shop Drawings:
- D. Selection Samples: For each finish product specified, two complete sets of color chips representing manufacturer's full range of available colors and patterns.
- E. Verification Samples: For each finish product specified, two samples, minimum

size 12 inches (150 mm) square, representing actual product, color, and patterns.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation.
- B. Store and dispose of solvent-based materials, and materials used with solvent-based materials, in accordance with requirements of local authorities having jurisdiction.

1.5 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Minimum 5 years manufacturing concrete resurfacing and rehabilitation products.
- B. Installer Qualifications: Minimum two years installing similar products.
- C. Mock-Up: Provide a mock-up for evaluation of surface preparation techniques and application workmanship.
 - 1. Finish areas designated by Architect.
 - 2. Do not proceed with remaining work until workmanship, color, and sheen are approved by Architect.
 - 3. Refinish mock-up area as required to produce acceptable work.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation.
- B. Store and dispose of solvent-based materials, and materials used with solvent-based materials, in accordance with requirements of local authorities having jurisdiction.

1.7 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Artcrete Inc. which is located at: 5812 Hwy 494; Natchitoches, LA 71457. Call Toll Free Tel: 888-321-9321; Tel: 318-379-2000; Fax: 318-379-1000; Email: artcrete@artcrete.com; Web site: www.artcrete.com.
- B. Requests for substitutions will be considered in accordance with provisions of Section 01600.

2.2 APPLICATIONS/SYSTEM

- A. Refer to drawings for scope of Work.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared.

- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.2 PREPARATION

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

3.3 INSTALLATION

- A. Install in Deck Coat material in accordance with manufacturer's instructions.

3.4 PROTECTION

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products after Substantial Completion.

END OF SECTION