



SECTION 09980

MASONRY COLOR TREATMENT

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Emulsion Color Treatment.

1.2 RELATED SECTIONS

- A. Section 03300 - Cast-In-Place Concrete: Concrete to receive color treatment.
- B. Section 03400 - Precast Concrete: Concrete to receive color treatment.
- C. Section 04200 - Masonry Units: Masonry Units to receive color treatment.
- D. Section 04400 - Stone: Stone to receive color treatment.
- E. Section 09220 - Stucco: Stucco to receive color treatment.

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. Selection Samples: For each finish product specified, two complete sets of color chips representing manufacturer's full range of available colors and patterns.
- D. Verification Samples: For each finish product specified, two samples representing actual product, color, and patterns.

1.4 QUALITY ASSURANCE

- A. Manufacturer Qualifications: All primary products specified in this section will be supplied by a single manufacturer with a minimum of twenty (20) years experience.
- B. Installer Qualifications: All products listed in this section are to be installed by a single installer with a minimum of three (3) years demonstrated experience in

installing products of the same type and scope as specified.

- C. Environmental Regulations: Submit certification that products listed in this section comply with Federal, State and Local VOC regulations.
- D. 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.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation. Wherever possible, store materials in a secure, indoor facility.
- B. Keep products away from sparks or open flame.
- C. Keep all water based materials from freezing.
- D. Store and dispose of hazardous materials, and materials contaminated by hazardous materials, in accordance with requirements of local authorities having jurisdiction.

1.6 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.

1.7 WARRANTY

- A. At project closeout, provide to Owner or Owners Representative an executed copy of the manufacturer's standard limited warranty against manufacturing defect, outlining its terms, conditions, and exclusions from coverage.
 - 1. Duration: Twenty-five (25) years.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Nawkaw Corporation, which is located at: 370 Commerce Blvd. ; Bogart, GA 30622; Toll Free Tel: 1-866-4NAWKAW; Tel: 706-355-3217; Fax: 706-355-9199; Email: request info; Web: www.nawkaw.com

2.2 SCOPE

- A. Apply a material that acts as water repellent while modifying the existing color of the masonry surface on above grade vertical or splayed masonry surfaces.

2.3 EMULSION COLOR TREATMENT

- A. General: NECT-90 - Hydrous, multiple polymer formulation of resin solids and color pigments. UV resistant, light-fast and mold, mildew and fungus resistant.
- B. Performance:
 - 1. Specific Gravity: 1.27 - 1.31.

2. Viscosity at 72 F (22 C): 70 - 95 KU.
3. Solids (Weight): 36 to 39 percent.
4. Solids (Volume): 31 to 34 percent.
5. pH: 8.5 - 9.5.
6. Gloss / Sheen: Flat.
7. Volatile Organic Compound (VOC): Less than 5 percent.

- C. Finish:
1. Color: Formulate to match existing masonry.
 2. Color: Formulate to color as selected by the Owner or Architect.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared.
- B. Verify that surfaces to receive Work are structurally sound and fully intact.
- C. Verify that new masonry has cured at least twenty-one (21) days prior to starting Work.
- D. Verify that surfaces to receive Work have a neutral pH.
- E. 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. Allow surfaces to dry completely before applying coating.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
- C. Where present, treat alkali or efflorescence with a neutralizing agent recommended for the surface.

3.3 INSTALLATION

- A. Install in accordance with manufacturer's instructions.
- B. Do not proceed with Work when ambient temperatures are less than 25 F (4 C) or greater than 110 F (43 C).
- C. Verify color uniformity twelve (12) hours after application. Recoat areas where blotches, blemishes or imperfections are present.

3.4 PROTECTION

- A. Protect installed products until completion of project.
- B. Protect shrubs, metal, wood trim, glass, asphalt, and other building hardware from overspray during application.
- C. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION