

## SECTION 09 23 26

### GYPSUM PLASTERING SKIM COAT

#### PART 1 - GENERAL

##### 1.01 DESCRIPTION

- A. This Section describes the requirements for furnishing and installing integral color gypsum plaster skim coat over gypsum board walls and ceilings as indicated.
- B. Related Sections:
  - 1. Portland cement plaster is specified in Section 09 24 00.
  - 2. Gypsum veneer plaster is specified in Section 09 26 13.
  - 3. Painting is specified in Section 09 91 00.

##### 1.02 SUBMITTALS

- A. Sample Panel: 48-inch wide x full height panel of finish coat of gypsum plaster showing complete range of color and texture variations. Make modifications and prepare additional samples until approved by the County's Representative. Approved samples will be used for judging the appearance of the completed work.

##### 1.03 QUALITY ASSURANCE

- A. Applicator Qualifications: Satisfactory application of integral color gypsum veneer plaster systems on a minimum of three projects equal in scope to that of this work.
- B. Allowable Tolerances: Maximum deviation from true plane shall not exceed 1/8-inch in 10-feet, as measured by straightedge placed at any location on surface.

##### 1.04 PRODUCT DELIVERY, STORAGE, AND HANDLING

- A. Deliver manufactured materials in manufacturer's original packaging, clearly identified with manufacturer's name, and name and type of product.
- B. Store plaster materials indoors, off the ground, in a dry location.
- C. Remove wet, deteriorated, and otherwise damaged materials from the Project site.

##### 1.05 JOB CONDITIONS

- A. Environmental Requirements:
  - 1. Temperature: Maintain a uniform temperature of 55-degrees F. in the building for a minimum of 7-days prior to plaster application, during plastering, and after plaster is dry.
  - 2. Ventilation: Ventilate building areas as required to remove water in excess of that required for hydration of plaster.
- B. Protection:
  - 1. Cover building openings in areas adjacent to plastering work with plastic film.
  - 2. Protect finished surfaces installed prior to plastering by covering with suitable non-staining material.

3. Maintain protection in place until completion of plastering work.

## PART 2 - PRODUCTS

### 2.01 PLASTERING MATERIALS

- A. Skim Coat Plaster: ASTM C857.
  1. Base Coat: U.S. Gypsum "Imperial" Basecoat or approved equal.
  2. Finish Coat: U.S. Gypsum "Diamond" Finish lime-gauging or approved equal. Finish coat shall have an integral color to match approved sample panel.
- B. Water: Clean, fresh, suitable for domestic consumption.
- C. Bonding Agent: Type suitable for bonding gypsum concrete to concrete masonry surfaces; Larsen Products Corp. "Plaster-Weld", Cota Industries "Vise-Crete" or approved equal.

### 2.02 PLASTER MIXES

- A. In accordance with manufacturer's recommendations and as required to match approved sample panel.

## PART 3 - EXECUTION

### 3.01 PREPARATION

- A. Clean masonry surfaces to receive skim coat plaster free of foreign matter.
- B. Masonry joints shall be cut flush.
- C. Remove ridges and protrusions and fill depressions as required.

### 3.02 APPLICATION

- A. Mechanically mix plaster materials at the Project site; do not hand mix except where small amounts are required.
- B. Skim Coat Plaster Over Unit Masonry or Concrete Surfaces:
  1. Prepare surfaces with specified bonding agent applied in accordance with manufacturer's instructions.
  2. Fill and level voids, joints, and depressions with specified base coat plaster minimum 3/32-inch thick and allow to set.
  3. Apply skim coat of specified finish coat 1/16- to 3/32-inch thick.
  4. Final trowel after surface has become firm to a smooth-trowel finish matching approved sample panel.

### 3.02 CUTTING AND PATCHING

- A. Eliminate blisters, buckles, excessive crazing and check cracking, dry-outs, efflorescence, and similar defects, including areas of the work which do not comply with specified tolerances or approved sample panel.

### 3.03 CLEANING AND PROTECTION

- A. Remove temporary protection and enclosure of other work.

- B. Promptly remove plaster from door frames, windows, and other surfaces.
- C. Repair floors, walls and other surfaces that have been stained, marred or otherwise damaged during the plastering work.
- D. When plastering work is completed, remove unused materials, containers and equipment and clean floors of plaster debris.

END OF SECTION