

SECTION 09215  
VENEER PLASTER

## PART 1 GENERAL

## 1.1 RELATED DOCUMENTS

- A. The provisions of the General Conditions, Supplementary Conditions, and the Sections included under Division 1, General Requirements, are included as a part of this Section as though bound herein.

## 1.2 SECTION INCLUDES:

- A. Gypsum backing board
- B. Veneer plaster over sheet gypsum, masonry, and concrete surface.

## 1.3 REFERENCES

- A. ASTM C442/C442M - Standard Specification for Gypsum Backing Board, Gypsum Core Board, and Gypsum Shaft-liner Board
- B. ASTM C587 – Standard Specification for Gypsum Veneer Plaster
- C. ASTM C588/C588M – Standard Specification for Gypsum Base for Veneer Plasters.
- D. ASTM C631 – Standard Specification for Bonding Compounds for Interior Gypsum Plastering
- E. ASTM C665 – Standard Specification for Mineral Fiber Blanket Thermal Insulation for Light Frame Construction and Manufactured Housing
- F. ASTM C843 – Standard Specification for the Application of Gypsum Veneer Plaster
- G. ASTM C844 – Standard Specification for the Application of Gypsum Base to Receive Gypsum Veneer Plaster
- H. ASTM C1047 – Standard Specification for Accessories for Gypsum Wallboard and Gypsum Veneer Base
- I. ASTM E90 – Standard Test Method for Laboratory Measurement of Sound Transmission Loss of Building Partitions
- J. ASTM E119 – Standard Methods for Fire Tests of Building Construction and Materials
- K. GA 150 - Application of Gypsum Base for Gypsum Veneer Plasters and Application of Gypsum Veneer Plaster
- L. GA 216 - Recommended Specifications for the Application and Finishing of Gypsum Board.
- M. GA-600 - Fire Resistance Design Manual.
- N. Warnock-Hersey - Certification Listings.
- O. UL (Underwriters Laboratories, Inc.) - Fire Hazard Classifications.
- P. Florida Building Code.

## 1.4 SYSTEM DESCRIPTION

- A. Acoustic Attenuation for Identified Interior Partitions: 54 STC in accordance with ASTM E90.

## 1.5 SUBMITTALS

- A. Section 01300 - Submittals: Procedures for submittals
- B. Product Data: Provide data on veneer plaster products.
- C. Samples: Submit sample panels, 12" x 12" in size illustrating veneer finish and texture.

- D. Manufacturer's Certificate: Certify that Products meet or exceed specified requirements.

## 1.6 QUALITY ASSURANCE

- A. Perform work in accordance with the following:
  - 1. Apply gypsum-backing board in accordance with ASTM C844 and GA 216.
  - 2. Apply gypsum veneer plaster in accordance with ASTM C843.
  - 3. Perform work in accordance with GA 150.
- B. Maintain one copy of each document on site.

## 1.7 REGULATORY REQUIREMENTS

- A. Conform to applicable code and ASTM E119 for fire rated assemblies:
  - 1. Fire Rated Partitions: Listed assembly by UL, FM or Warnock Hersey.
  - 2. Fire Rated Ceiling and Soffits: Listed Assembly by UL, FM or Warnock Hersey.
  - 3. Fire Rated Structural Column Framing: Listed assembly by UL, FM or Warnock Hersey.
  - 4. Fire Rated Structural Beam Framing: Listed Assembly by UL, FM or Warnock Hersey.
- B. Provide certificate of compliance from authority having jurisdiction indicating approval of products.

## 1.8 ENVIRONMENTAL REQUIREMENTS

- A. Section 01600 - Material and Equipment: Environmental conditions affecting products on site
- B. Do not apply veneer plaster when substrate or ambient air temperature is less than 50°F for 24 hours prior to, during operations and after, until building-heating system can maintain the above minimum temperature.

## PART 2 PRODUCTS

### 2.1 MATERIALS

- A. Gypsum Veneer Plaster: ASTM C587
- B. Gypsum Backing Board: ASTM C442, standard type or fire rated Type X; square, rounded edges, ends square
- C. Gypsum Board Accessories: GA 216 and GA 600. ASTM C1047
- D. Acoustic Insulation: ASTM C665 Type I, glass fiber blanket.
- E. Reinforcing Tape, Joint Compound, Adhesive, Water, and Fasteners: GA 216.
- F. Bond Coat: ASTM C631, vinyl polymer type.
- G. Acoustical Sealant: Non-hardening, non-skinning, for use in conjunction with gypsum board assemblies.

### 2.2 MIX DESIGN

- A. Mix plaster in accordance with ASTM C587 and manufacturer's instructions.

## PART 3 EXECUTION

### 3.1 EXAMINATION

- A. Verify substrate conditions under provisions of Section 01039.

- B. Verify masonry mortar joints are cut flush; verify surface is ready to receive work of this section. Verify no bituminous or water repellent coatings exist on masonry surface.
- C. Verify concrete surfaces are flat, honeycomb is filled flush, and surface is ready to receive work of this section. Verify no bituminous, water repellent, or form release agents exist on concrete surfaces.
- D. Verify gypsum board substrate is flat, joints are taped and sanded, and surface is ready to receive work of this section. Verify joint and surface perimeter accessories are in place.
- E. Verify gypsum plaster base has been installed in accordance with ASTM C844, is flat, smooth and surface is ready to receive work. Verify joint and surface perimeter accessories are in place.

### 3.2 PREPARATION

- A. Clean surfaces of dust or loose matter.
- B. Remove projections greater than  $\frac{1}{8}$ " and fill depressions greater than  $\frac{1}{4}$ " with Portland cement mortar.
- C. Apply color tinted bond coat to prepare masonry surfaces of veneer plaster application.
- D. Apply in accordance with manufacturer's instructions.

### 3.3 INSTALLATION - GYPSUM BACKING BOARD

- A. Place acoustical insulation in partitions tight within spaces, around cut openings, behind and around electrical and mechanical items within or behind partitions, and tight to items passing through partitions.
- B. Install gypsum-backing board in accordance with GA 216.
- C. Use drywall screws to fasten gypsum board to frame substrate.
- D. Single Layer:
  - 1. Erect fire rated gypsum board vertical, with edges and ends occurring over firm bearing.
- E. Double Layer:
  - 1. Erect first layer of fire rated gypsum board perpendicular to framing or furring members.
  - 2. Place second layer of fire rated gypsum board perpendicular to first layer. Ensure end joints of second layer do not occur over joints of first layer.
  - 3. Secure second layer with fasteners.
- F. Install accessories.
- G. Tape, fill, and sand filled joints, edges, corners, openings, and fixings to produce surface ready to receive veneer finish.
- H. Feather coats onto adjoining surfaces so that joint camber is maximum  $\frac{1}{32}$ ".
- I. Install acoustical sealant at gypsum board perimeter at:
  - 1. Metal Framing: Two beads.
  - 2. Perimeter interruptions
  - 3. Caulk all penetrations of partitions by conduit, pipe, ductwork and rough-in boxes.

### 3.4 APPLICATION - VENEER PLASTER

- A. Apply gypsum veneer plaster in accordance with ASTM C843 and manufacturer's instructions.
- B. Dampen masonry and concrete surfaces without visible water on surface to minimize suction from plaster materials.
- C. Apply single coat immediately after dampening substrate to a thickness of  $\frac{1}{8}$ ".
- D. Finish surface to flat, smooth, hard trowel or sand coat or textured finish as selected.

### 3.5 ERECTION TOLERANCES

- A. Maximum Variation From Specified Thickness: Plus or minus 1/64".

### 3.6 PROTECTION OF FINISHED WORK

- A. Protect finished work.
- B. Do not permit traffic near unprotected finished surfaces.

END OF SECTION