

SECTION 09215

VENEER AND GYPSUM PLASTER

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. Patching of existing gypsum plaster and lath.

1.02 REFERENCES

- A. ASTM A653/653M - Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process.
- B. ASTM C28 - Gypsum Plasters.
- C. ASTM C35 - Inorganic Aggregates for Use in Gypsum Plaster.
- D. ASTM C472 - Physical Testing of Gypsum, Gypsum Plasters and Gypsum Concrete.
- E. ASTM C587 - Gypsum Veneer Plaster.
- F. ASTM C631 - Bonding Compounds for Interior Gypsum Plastering.
- G. ASTM C841 - Installation of Interior Lathing and Furring.
- H. ASTM C842 - Application of Interior Gypsum Plaster.
- I. ASTM C843 - Application of Gypsum Veneer Plaster.
- J. ASTM C847 - Metal Lath.
- K. ASTM E90 - Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions.
- L. ASTM E119 - Fire Test of Building Construction and Materials.
- M. ASTM E413 - Classification for Rating sound Insulation.

1.03 DEFINITIONS

- A. Gypsum Board Construction Terminology: Refer to ASTM C 11 and GA 505 for definitions of terms for gypsum board construction not otherwise defined in this Section or other referenced standards.

PART 2 - PRODUCTS

2.01 MANUFACTURERS

- A. Manufacturer: Subject to compliance with requirements, provide products by one of the following:
 - 1. Veneer Plaster Products:
 - a. Domtar Gypsum.
 - b. Georgia-Pacific Corp.
 - c. Gold Bond Building Products Div., National Gypsum Company.
 - d. United States Gypsum Company.

2. Gypsum Plasters:
 - a. National Gypsum Co.
 - b. United States Gypsum Co.
3. Expanded-Metal Lath:
 - a. Dale//Incor Industries, Inc.
 - b. Dietrich Industries, Inc.
 - c. National Gypsum Co.
 - d. Unimast, Inc.
 - e. United States Gypsum Co.

2.02 LATH

- A. Expanded-Metal Lath: Fabricate expanded-metal lath from uncoated or zinc-coated (galvanized) steel sheet to produce lath complying with ASTM C 847 for type, configuration, and other characteristics indicated below, with uncoated steel sheet coated after fabrication into lath. Match existing for configuration and weight.

2.03 LATH ACCESSORIES

- A. General: Comply with material provisions of ASTM C 841 and the requirements indicated below; coordinate depth of accessories with thicknesses and number of plaster coats required.
 1. Galvanized Steel Components: Fabricated from zinc-coated (galvanized) steel sheet complying with ASTM A 653, G40 (ASTM A 653M, Z90) minimum coating designation.
- B. Metal Cornerbeads: Fabricated from zinc-coated (galvanized) steel, small nose with expanded flanges, unless otherwise indicated.
- C. Strip Reinforcement: Smooth-edge strips of expanded-metal lath fabricated from uncoated or zinc-coated (galvanized) steel sheet, with uncoated steel sheet coated after fabrication; in the following forms:
 1. Cornerite: Strips bent lengthwise in center for internal plaster angles not otherwise reinforced by metal lath lapped or carried around.
 2. Stripite: Flat strips for reinforcing joints in gypsum lath, nonmetallic bases, and between dissimilar plaster bases.
- D. Casing Beads: Square-edged style, with short or expanded flanges to suit kinds of plaster bases indicated; zinc-coated (galvanized) steel.
- E. Control Joints: Prefabricated, zinc-coated (galvanized) steel.

2.04 PLASTER MATERIALS

- A. Two-Component Regular Veneer Plaster: Separate veneer plaster formulations complying with ASTM C 587: one for basecoat and the other for finish coat.
- B. Products: Subject to compliance with requirements, provide one of the following:
 1. Two-Component Regular Veneer Plaster:
 - a. Products of Gold Bond Bldg. Products Div., National Gypsum Company:
 - (1) Base Coat: Kal-Kote Base Coat.
 - (2) Smooth Finish Coat: Kal-Kote Smooth Finish.
 - b. United States Gypsum Company Products:
 - (1) Base Coat: DIAMOND Veneer Base Coat.
 - (2) Smooth Finish Coat: DIAMOND Interior Finish.
 - (3) Textured Finish Coat: Job-Aggregated DIAMOND Interior Finish.

2.05 MISCELLANEOUS MATERIALS

- A. General: Provide auxiliary materials for veneer plaster construction that comply with referenced standards and the recommendations of veneer plaster manufacturer.

PART 3 - EXECUTION

3.01 EXAMINATION

- A. Substrates: With Installer present, examine substrates to which veneer plaster assemblies attach or abut. Do not proceed with installation until unsatisfactory conditions have been corrected.

3.02 METAL LATHING

- A. Install expanded-metal lath for applications where plaster base coats are required. Provide appropriate type, configuration, and weight of metal lath selected from materials indicated that comply with referenced lathing installation standards.
- B. Provide smooth-troweled finish, unless otherwise indicated.

3.03 PLASTER APPLICATION

- A. Plaster Application Standard: Apply plaster materials, composition, mixes, and finishes indicated to comply with ASTM C 842.
- B. Number of Coats: Apply plaster of composition indicated, to comply with the following requirements:
 - 1. Three Coats: Over the following plaster bases:
 - a. Metal lath.
 - 2. Two Coats: Over the following bases:
 - a. Unit masonry.
- C. Finish Coats: Apply finish coats to comply with the following requirements:
 - 1. Troweled, unless otherwise indicated.

3.04 CUTTING AND PATCHING

- A. Cut, patch, replace, and repair plaster as necessary to accommodate other work and to restore cracks, dents, and imperfections. Repair or replace work to eliminate blisters, buckles, excessive crazing and check cracking, dry outs, efflorescence, sweat outs, and similar defects and where bond to substrate has failed.
- B. Leave plaster ready for painting.

END OF SECTION

