

BuildingName
The Description of the Project
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SPECIFICATION DIVISION 9

NUMBER SECTION DESCRIPTION

DIVISION 09 FINISHES

SECTION 092300 - GYPSUM PLASTERING

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DIVISION 09 FINISHES
SECTION 092300 - GYPSUM PLASTERING

*EDIT THIS SECTION ON WET PLASTER WORK IN CONJUNCTION WITH USG
GYPSUM CONSTRUCTION HANDBOOK OR OTHER REFERENCE WORK.*

PART 1 - GENERAL

1.1 SUMMARY

- A. Extent of plaster work in indicated on Drawings and in schedules.
- B. Type of plaster work and accessories include:
 - 1. Gypsum plaster.
 - 2. Gypsum board plaster base.
 - 3. Metal lath.

1.2 SUBMITTALS

- A. Submit manufacturer's product literature for each product specified.

1.3 DELIVERY, STORAGE AND HANDLING

- A. Deliver materials in original packages bearing brand name and identification of manufacturer.

PART 2 - PRODUCTS

2.1 PLASTER MATERIALS

*SELECT ONE OF THE FOLLOWING OR DELETE IF GYPSUM BOARD LATH IS
USED*

- A. Base Coat Plaster: Comply with ASTM C 28 and Federal Specification SS-P-00402B, Type II.
 - 1. Product: U.S. Gypsum Co.; "Regular Red Top Gypsum Plaster" or equivalent of other approved manufacturer.
- B. Base Coat Plaster: High strength gypsum neat plaster with a minimum average dry compressive strength of 2,800 psi per ASTM C 472 for a mix of 100 lbs. plaster and 2 cu. ft. of sand.
 - 1. Product: Structo-Base; United States Gypsum Co.

SELECT ONE OF THE FOLLOWING

- C. Gypsum Gauging Plaster: Comply with ASTM C28 and Federal Specification SS-P-00402B, Type V.
 - 1. Manufacturer: U.S. Gypsum Co. "Champion", "Star", "Red Top", or equal.
- D. Gypsum Gauging Plaster: High-strength gypsum gauging plaster, ASTM C 28, with a minimum average dry compressive strength of 5,000 psi per ASTM C 472 for a neat mix.

1. Product: Structo-Gauge; United States Gypsum Co.
- E. Finishing Hydrated Limes: ASTM C 206, type as indicated below:
 1. Type S: Special hydrated lime for finishing purposes.
 2. Manufacturer/Product: Provide one of the following:
 - a. "Ivory Finish Lime"; United States Gypsum Co.
 - b. "Snowdrift Finish Lime"; United States Gypsum Co.

DELETE BELOW IF GYPSUM BOARD BASE IS USED

- F. Aggregates for Base Coat Plasters: ASTM C 35, types as indicated below:
 1. Sand aggregate, clean and free of dirt, clay and other deleterious materials.
- G. Aggregates for Finish Coat Plaster with Floated Finish: ASTM C 35; graded per ASTM C 842, type as indicated below.
 1. Sand aggregate, clean and free of dirt, clay and other deleterious materials.

2.2 LATH

SELECT ONE OF THE FOLLOWING LATH TYPES

- A. Gypsum Lath: Gypsum board plaster base to comply with ASTM C37 and Federal Specification SS-L-30D, Type I.
 1. Manufacturer: U.S. Gypsum Co. "Rocklath" or equal.
- B. Metal Lath: Diamond metal mesh (approximately 11,000 meshes per sq yd) complying with Federal Specification QQ-L-101C. Mesh to be composed of expanded sheet steel that has been coated with asphaltum paint. Metal lath to have a weight of 3.4 lbs per sq yd or greater.
 1. Manufacturer: U.S. Gypsum Co. "Junior Diamond Mesh Lath" or equal.
- C. Water for Mixing and Finishing Plaster: Drinkable, free of substances capable of affecting plaster set or of damaging plaster, lath or accessories.

2.3 ACCESSORIES

- A. General: Comply with material provisions of ASTM C 841; coordinate depth of accessories with thicknesses and number of plaster coats required.
- B. Provide metal accessories including casing beads, corner beads, grounds screeds, cornerite and stripite as indicated and as recommended by manufacturer of plaster materials.
- C. Metal Corner Beads: Type as indicated below, fabricated from zinc coated (galvanized) steel.
 1. Type: Bull nose, radius 3/4 inch minimum, with expanded flanges, at locations indicated.

2.4 MIXING

- A. Mechanically mix cementitious and aggregate materials for plasters to comply with applicable referenced application standard and with recommendations of plaster manufacturer.

PART 3 - EXECUTION

3.1 APPLICATION

- A. Prepare monolithic surfaces for bonded base coats and use bonding compound or agent to comply with requirements of referenced plaster application standards for conditioning of monolithic surfaces.
- B. Tolerances: Do not deviate more than 1/8 inch in 10 feet from a true plane unfinished plaster surfaces, as measured by a 10 feet straightedge placed at any location on surface.
- C. Sequence plaster application with the installation and protection of other work, so that neither will be damaged by the installation of the other.
- D. Plaster flush with metal frames and other built-in metal items or accessories which act as a plaster ground, unless otherwise indicated. Where plaster is not terminated at metal by casing beads, cut base coat free from metal before plaster sets and groove finish coat at the junctures with metal.
- E. Apply thicknesses and number of coats of plaster as indicated and to match existing adjacent applications; or as required by referenced standards.
- F. Interior Gypsum Plaster Application Standard: Apply gypsum plaster materials, composition, mixes, and finishes indicated to comply with ASTM C 842.
- G. Number of Coats: Apply gypsum plaster, of composition indicated, to comply with the following requirements.
 - 1. Use two-coat work over concrete masonry units.
- H. Finish Coats: Apply finish coats to comply with the following requirements:
 - 1. Floated finish for gypsum finish coats of type and where indicated; match existing adjacent materials for texture and color.

3.2 CLEANING AND PROTECTION

- A. Remove temporary protection and enclosure of other work. Promptly remove plaster from door frames, windows, and other surfaces which are not to be plastered. Repair floors, walls and other surfaces which have been stained, marred or otherwise damaged during the plastering work. When plastering work is completed, remove unused materials, containers and equipment and clean floors of plaster debris.

- B. Provide final protection and maintain conditions, in a manner suitable to Installer, which ensures plaster work being without damage or deterioration at time of substantial completion.

END OF SECTION 092300