Division 9 – Finishes

General

Non-Load Bearing Steel Framing

For fire-resistance-rated assemblies that incorporate non-load-bearing steel framing, provide materials and construction identical to those tested in assembly indicated, according to ASTM E 119 by an independent testing agency.

For STC-rated assemblies, provide materials and construction identical to those tested in assembly indicated, according to ASTM E 90 and classified according to ASTM E 413 by an independent testing agency.

For products having recycled content, documentation indicating percentages by weight of postconsumer and pre-consumer recycled content. Include statement indicating cost for each product having recycled content.

Studs and Runners: ASTM C 645. Use either steel studs and runners or dimpled steel studs and runners.

1. Steel Studs and Runners:
   a. Minimum Base-Metal Thickness: 0.018 inch.

2. Dimpled Steel Studs and Runners:
   a. Minimum Base-Metal Thickness: 0.015 inch.

Firestop Tracks: Top runner manufactured to allow partition heads to expand and contract with movement of the structure while maintaining continuity of fire-resistance-rated assembly indicated; in thickness not less than indicated for studs and in width to accommodate depth of studs.

Install framing system components according to spacings indicated, but not greater than spacings required by referenced installation standards for assembly types.

Where studs are installed directly against exterior masonry walls or dissimilar metals at exterior walls, install isolation strip between studs and exterior wall.

Install studs so flanges within framing system point in same direction.

Install supplementary framing, and blocking to support fixtures, equipment services, heavy trim, grab bars, toilet accessories, furnishings, or similar construction.

Install tracks (runners) at floors and overhead supports. Extend framing full height to structural supports or substrates above suspended ceilings except where partitions are indicated to terminate at suspended ceilings. Continue framing around ducts penetrating partitions above ceiling.
Install suspension system components according to spacings indicated, but not greater than spacings required by referenced installation standards for assembly types.

**Gypsum Board**

Mockups: Before beginning gypsum board installation, install mockups of at least 100 sq. ft. in surface area to demonstrate aesthetic effects and set quality standards for materials and execution.

1. Install mockups for the following:
   a. Each level of gypsum board finish indicated for use in exposed locations.
   b. Each texture finish indicated.
2. Apply or install final decoration indicated, including painting and wall coverings, on exposed surfaces for review of mockups.
3. Simulate finished lighting conditions for review of mockups.
4. Subject to compliance with requirements, approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

Submit a full-size sample in 12-inch-long lengths for each trim accessory indicated.

Store materials inside under cover and keep them dry and protected against weather, condensation, direct sunlight, construction traffic, and other potential causes of damage. Stack panels flat and supported on risers on a flat platform to prevent sagging.

Environmental Limitations: Comply with ASTM C 840 requirements or gypsum board manufacturer's written recommendations, whichever are more stringent.

Do not install paper-faced gypsum panels until installation areas are enclosed and conditioned. Provide mildew resistant panels if installation occurs prior to enclosing areas.

Do not install panels that are wet, those that are moisture damaged, and those that are mold damaged.

1. Indications that panels are wet or moisture damaged include, but are not limited to, discoloration, sagging, or irregular shape.
2. Indications that panels are mold damaged include, but are not limited to, fuzzy or splotchy surface contamination and discoloration.

For fire-resistance-rated assemblies, provide materials and construction identical to those tested in assembly indicated according to ASTM E 119 by an independent testing agency.

For STC-rated assemblies, provide materials and construction identical to those tested in assembly indicated according to ASTM E 90 and classified according to ASTM E 413 by an independent testing agency.
Gypsum Board Finish Levels: Finish panels to levels indicated below and according to ASTM C 840:

1. Level 1: Ceiling plenum areas, concealed areas, and where indicated.
2. Level 2: Panels that are substrate for tile and where indicated on drawings.
3. Level 3: Where indicated on Drawings.
4. Level 4: At panel surfaces that will be exposed to view unless otherwise indicated.
   a. Primer and its application to surfaces are specified in other Division 9 Sections.
5. Level 5: Where indicated on Drawings.
   a. Primer and its application to surfaces are specified in other Division 9 Sections.

Protect installed products from damage from weather, condensation, direct sunlight, construction, and other causes during remainder of the construction period.

Specify moisture and mold resistant gypsum board in all bathrooms, mechanical rooms, janitor closets, and all other “wet” areas.

**Portland Cement Plastering**
This section includes exterior portland cement plasterwork (stucco) on metal lath.

Show locations and installation of control and expansion joints including plans, elevations, sections, details of components, and attachments to other work.

For each type of colored and textured finish coat indicated, submit a sample; 12 by 12 inches, and prepared on rigid backing.

Before plastering, install mockups of at least 100 sq. ft. in surface area to demonstrate aesthetic effects and set quality standards for materials and execution.

**Exterior Plasterwork:**

1. Apply and cure plaster to prevent plaster drying out during curing period. Use procedures required by climatic conditions, including moist curing, providing coverings, and providing barriers to deflect sunlight and wind.
2. Apply plaster when ambient temperature is greater than 40 deg F.
3. Protect plaster coats from freezing for not less than 48 hours after set of plaster coat has occurred.

Metal lath to be expanded-metal complying with ASTM C 847 with ASTM A 653/A 653M, G60, hot-dip galvanized zinc coating, Diamond-Mesh Lath, flat where installed directly to framing members with wire ties and Self-furring where installed over a solid substrate, 3.4 lb/sq. yd.

Specify portland cement to comply with ASTM C 150, Type II.
Do not deviate more than plus or minus 1/4 inch in 10 feet from a true plane in finished plaster surfaces, as measured by a 10-foot straightedge placed on surface.

Tile

Acoustical Ceilings

Resilient Base and Accessories

Vinyl Flooring

Terrazzo

Carpet

Carpet Tile

Wood Flooring

Wall Finishes

Wall Coverings

Painting

FRP Wall Panels