

Division 9
Finishes



SECTION 09260 - GYPSUM BOARD ASSEMBLIES**PART 1 - GENERAL****1.1 SUMMARY****A. Provide gypsum board assemblies:**

1. Interior walls, partitions, and ceilings with tape and joint compound finish.
2. Exterior ceilings and soffits.
3. Steel framing systems to receive gypsum board.
4. Insulation and vapor barrier systems in gypsum board assemblies.
5. Cementitious backer units for application of tile.
6. Glass-reinforced gypsum fabrications.
7. Installation of access panels in gypsum board assemblies.

1.2 SUBMITTALS

- A. Product Data:** Submit manufacturer's product data and installation instructions for each material and product used.

1.3 QUALITY ASSURANCE

- A. Comply with governing codes and regulations. Provide products of acceptable manufacturers, which have been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.**
- B. Tolerances:** Not more than 1/16-inch difference in true plane at joints between adjacent boards before finishing. After finishing, joints shall be not be visible. Not more than 1/8 inch in 10 feet deviation from true plane, plumb, level and proper relation to adjacent surfaces in finished work.
- C. Fire Resistance for Fire-Rated Assemblies:** ASTM E 119.
- D. Mock-Ups:** Provide mock-up as required to demonstrate quality of workmanship and level of finish.
- E. Performance:** Fire, structural, and seismic performance meeting requirements of building code and local authorities.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Manufacturers of Gypsum Board: Georgia-Pacific Corp., LaFarge North America, National Gypsum Co., United States Gypsum Co., or approved equal.
- B. Manufacturers of Steel Framing and Furring: Dale Incor, Dietrich Industries, Marino Ware, National Gypsum Co., Unimast, or approved equal.
- C. Manufacturers of Grid and Suspension Systems: Armstrong World Industries, Chicago Metallic, United States Gypsum Co., or approved equal.
- D. Gypsum Board:
 - 1. Gypsum Wallboard for Tape and Joint Compound Finish: ASTM C 36, regular, moisture-resistant, foil-backed, and fire-rated types as required:
 - a. Typical Thickness: 5/8 inch.
 - 2. Water-Resistant Gypsum Backing Board: ASTM C 630, regular and fire-rated types as required:
 - a. Typical Thickness: 5/8 inch.
 - 3. Joint Treatment: ASTM C 475 and ASTM C 840, 3-coat system, paper or fiberglass tape.
- E. Glass-Mat Water-Resistant Gypsum Backing Board:
 - 1. Type: ASTM C 1178, Type X, 5/8 inch thick.
- F. Cementitious Backer Units:
 - 1. Type: ANSI A118.9, cement-coated Portland cement panels.
 - 2. Thickness: 1/2 inch nominal.
- G. Trim Accessories:
 - 1. Material: Metal trim.
 - 2. Types: Cornerbead, edge trim, and control joints.
- H. Steel Framing for Walls and Partitions:
 - 1. Steel Studs and Runners: ASTM C 645 ASTM A 653, G60, hot-dip galvanized coating.
 - a. Thickness: 20 gauge (.0329 inch).
 - b. Typical Depth: 4 inch.
 - c. Typical Depth: 6 inch.

2. Furring Channels: ASTM C 645 ASTM A 653, G60, hot-dip galvanized coating.
 - a. Thickness: 20 gauge (.0329 inch).
 3. Auxiliary Framing Components: Furring brackets, resilient furring channels, Z-furring members, and non-corrosive fasteners.
- I. Steel Framing for Suspended and Furred Ceilings:
1. Furring Channels: ASTM C 645 ASTM A 653, G60, hot-dip galvanized coating:
 - a. Type: Standard.
 - b. Thickness: 20 gauge (.0329 inch).
 2. Accessories: Hangers and inserts.
- J. Glass-Reinforced Gypsum Fabrications:
1. Fabrications: ASTM C 1355
 2. Embedments: Cold-rolled steel channels with ASTM A 653, G60 hot-dip galvanized coating.
 3. Glass Fibers: ASTM D 578, Type E glass.
 4. Finish: Surface suitable for paint finish.
- K. Auxiliary Materials:
1. Gypsum board screws, ASTM C 1002.
 2. Fastening adhesive.
 3. Mineral fiber sound attenuation blankets.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Steel Framing: Install steel framing in compliance with ASTM C 754. Install with tolerances necessary to produce substrate for gypsum board assemblies with tolerances specified. Include blocking for items such as railings, grab bars, casework, toilet accessories and similar items.
- B. Install gypsum board for tape and 3-coat joint compound finish in compliance with ASTM C 840 and GA 216, Recommended Specifications for the Application and Finishing of Gypsum Board. Install gypsum board assemblies true, plumb, level and in proper relation to adjacent surfaces.
- C. Provide continuous vapor retarder at exterior walls.
- D. Provide fire-rated systems where indicated and where required by authorities having

jurisdiction.

- E. Install boards vertically. Do not allow butt-to-butt joints and joints that do not fall over framing members.
- F. Where new partitions meet existing construction, remove existing cornerbeads to provide a smooth transition.
- G. Provide insulation full height and thickness in partitions at conference rooms, toilet rooms, between different occupancies, and where required.
- H. Provide acoustical sealant at both faces at top and bottom runner tracks, wall perimeters, openings, expansion and control joints.
- I. Install trim in strict compliance with manufacturer's instructions and recommendations.
- J. Repair surface defects. Leave ready for finish painting or wall treatment.

END OF SECTION

SECTION 09300 - TILE

PART 1 - GENERAL

1.1 SUMMARY

A. Interior Tile:

1. Wall tile over tile backer board at wet areas.
2. Floor tile over concrete slab.

B. Exterior Tile:

1. Floor tile on concrete slabs.

C. Special Purpose Tile:

1. Fountains.
2. Swimming pools.
3. Steam rooms.

1.2 SUBMITTALS

- A. Product Data: Submit manufacturer's product data and installation instructions for each material and product used.
- B. Samples: Submit two representative samples of each material specified indicating visual characteristics and finish. Include range samples if variation of finish is anticipated.
 1. Include manufacturer's full range of color and finish options if additional selection is required.

1.3 QUALITY ASSURANCE

- A. Comply with governing codes and regulations. Provide products of acceptable manufacturers, which have been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.
- B. Tile: ANSI A 137.1.
- C. Tile Setting Materials: ANSI A 118 series standard specifications.
- D. Mock-Ups: Provide mock-up as required to demonstrate quality of workmanship.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Manufacturers of Tile: IWT Aztec Madrid Ceramic Tile, American Olean, Dal-Tile, Summitville Tiles, United States Ceramic Tile Co. or approved equal.
- B. Manufacturers of Setting Materials: American Olean, Construction Products, Custom Building Products, Laticrete, Mapei Corp, or approved equal.
- C. Glazed Ceramic Mosaic Tile:
 - 1. Thickness: 1/4 inch nominal.
 - 2. Size: 18 inch by 18 inch.
 - 3. Type: Porcelain factory-mounted flat tile.
 - 4. Face: Patterned face with cushion edges.
 - 5. Style: Aztec Madrid Series
- D. Glazed Wall Tile:
 - 1. Thickness: 5/16-inch nominal thickness.
 - 2. Size: 6 by 6 inches.
 - 3. Type: Interior type body, flat tile.
 - 4. Face: Plain face with modified square edge.
- E. Tile Accessories:
 - 1. Marble thresholds.
 - 2. Metal edge strips.
- F. Setting Materials:
 - 1. Dry-set Portland cement mortar.
- G. Grout:
 - 1. Sand-Portland cement grout.
- H. Setting Accessories:
 - 1. Waterproofing membrane under tile, ANSI A 118.10.
 - 2. Crack suppression membrane under tile, ANSI A 118.10.
 - 3. Cementitious tile backer board, ANSI A 118.9.
- I. Elastomeric Sealants:

1. One-part mildew-resistant silicone sealant for non-traffic areas.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Comply with Tile Council of America and ANSI Standard Specifications for Installation for substrate and installation required. Comply with manufacturer's instructions and recommendations.
- B. Install waterproof membrane in accordance with manufacturer's instructions and recommendations.
- C. Lay tile in grid pattern with alignment grids. Layout tile to provide uniform joint widths and to minimize cutting; do not use less than 1/2 tile units.
- D. Provide sealant joints where recommended by TCA and approved by Architect.
- E. Grout and cure, clean and protect.

3.2 SCHEDULE

- A. Tile Schedule:
 1. Toilet Room Walls: Glazed ceramic mosaic tile over tile backer board with thin-set latex-modified cement mortar and latex-Portland cement grout.
 2. Toilet Room Floors: Unglazed ceramic mosaic tile over concrete slab with latex-Portland cement mortar and latex-Portland cement grout.
 3. Sound mats under all 2nd, 3rd, & 4th floor units.

END OF SECTION



SECTION 09684 - SHEET CARPET

PART 1 - GENERAL

1.1 SUMMARY

- A. Provide sheet carpet and floor preparation.

1.2 SUBMITTALS

- A. Product Data: Submit manufacturer's product data and installation instructions for each material and product used.
- B. Samples: Submit two representative samples of each material specified indicating visual characteristics and finish. Include range samples if variation of finish is anticipated.
- C. Seaming Layout: Submit proposed seaming layout.
- D. Extra Stock: Submit extra stock equal to 2% of total used.

1.3 QUALITY ASSURANCE

- A. Comply with governing codes and regulations. Provide products of acceptable manufacturers, which have been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.
- B. Performance: Fire performance meeting requirements of building code and local authorities.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Manufacturers: Bentley Mills, Collins & Aikman Floor Coverings, J&J Industries, Mannington Commercial Carpets, Mohawk Commercial Carpet, Patrick Carpet Mills, Shaw Industries, or approved equal.
- B. Carpet Material:
 - 1. Material: Selected by \$25.00 sq. yd. allowance for carpet, pad, and labor.
 - 2. Installation Method: Tackless mounting with carpet cushion.

C. Carpet Cushions:

1. Type: Prime urethane.
2. Service: Heavy traffic.

D. Auxiliary Materials:

1. Edge guards.
2. Adhesives, cements and fasteners.
3. Leveling compound.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Comply with recommendations of Carpet and Rug Institute "Specifier's Handbook".
- B. Prepare surfaces and install materials in accordance with manufacturer's instructions and approved submittals. Clean, patch, and level substrate. Install materials in proper relation with adjacent construction and with uniform appearance. Coordinate with work of other sections.
- C. Install edge guards and reducer strips as required; clean and protect.

END OF SECTION

SECTION 09910 - PAINTING

PART 1 - GENERAL

1.1 SUMMARY

A. Provide the following:

1. Painting and surface preparation for interior unfinished surfaces as scheduled.
2. Field-painting and surface preparation of exposed mechanical and electrical piping, conduit, ductwork, and equipment.

1.2 SUBMITTALS

- A. Product Data: Submit manufacturer's product data and installation instructions for each material and product used.
- B. Samples: Submit two representative samples of each material specified indicating visual characteristics and finish. Include range samples if variation of finish is anticipated.
1. Include manufacturer's full range of color and finish options if additional selection is required.
- C. Extra Stock: Submit 2 unopened gallons of each paint and color used in the project.

1.3 QUALITY ASSURANCE

- A. Comply with governing codes and regulations. Provide products of acceptable manufacturers, which have been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.
- B. Regulations: Compliance with VOC and environmental regulations.
- C. Mock-Ups: Provide mock-up as required to demonstrate quality of workmanship.
1. Provide 4 foot x 4 foot mock-ups of each type of surface.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Manufacturers of Regular Paints: ICI Devco Coatings, Benjamin Moore, Sherwin Williams or approved equal.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Inspect surfaces, report unsatisfactory conditions in writing; beginning work means acceptance of substrate.
- B. Comply with manufacturer's instructions and recommendations for preparation, priming and coating work. Coordinate with work of other sections.
- C. At existing areas to be repainted, remove blistered or peeling paint to sound substrates. Remove chalk deposits and mildew and wash all surfaces with mild detergent. Perform related minor preparation including caulk and glazing compounds. Spot prime bare areas before priming and painting as specified.
- D. Match approved mock-ups for color, texture, and pattern. Re-coat or remove and replace work which does not match or shows loss of adhesion. Clean up, touch up and protect work.

3.2 PAINT SCHEDULE

A. Gypsum Drywall Walls:

- 1. Gloss:
 - a. Semi
- 2. System:
 - a. 2 coats latex finish.

B. Gypsum Drywall Walls and Ceilings in Bathrooms, Kitchens and Wet Areas:

- 1. Gloss:
 - a. Semi
- 2. System:
 - a. 2 coats alkyd finish.

C. Gypsum Drywall Ceilings:

1. Gloss:
 - a. Flat
2. System:
 - a. 2 coats latex finish

D. Wood for Painted Finish:

1. Gloss:
 - a. Semi
2. System:
 - a. 2 coats alkyd enamel

E. Wood for Transparent Finish:

1. Gloss:
 - a. Satin
2. System:
 - a. 2 coats oil base varnish

F. Wood for Stain Finish:

1. Gloss:
 - a. Satin
2. System:
 - a. 2 coats water base varnish

G. Exterior Wood for Painted Finish:

1. Gloss:
 - a. Flat
2. System:
 - a. 2 coats latex enamel

H. Concrete Walls:

1. Gloss:
 - a. Semi
2. System:
 - a. 2 coats latex finish

I. Ferrous Metals:

1. Gloss:
 - a. Semi
2. System:
 - a. 1 coat rust-inhibiting primer
 - b. 2 coats alkyd enamel

J. Galvanized Metal:

1. Gloss:
 - a. Semi
2. System:
 - a. 2 coats alkyd enamel

END OF SECTION

SECTION 09963 - ELASTOMERIC COATINGS

PART 1 - GENERAL

1.1 SUMMARY

- A. Provide exterior elastomeric coatings.

1.2 SUBMITTALS

- A. Product Data: Submit manufacturer's product data and installation instructions for each material and product used.
- B. Extra Stock: Provide 2 unopened gallons of each paint used in the project.

1.3 QUALITY ASSURANCE

- A. Comply with governing codes and regulations. Provide products of acceptable manufacturers, which have been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.
- B. Mock-Ups: Provide mock-up as required to demonstrate quality of workmanship.
 - 1. Provide 4 foot x 4-foot mock-ups of each type of surface.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Manufacturers: ICI Dulux Paint Centers, Inc, Modac Products Sonneborn Building Products, Tamms Industries, Inc., Tnemec, or approved equal. First-line commercial-quality products for all elastomeric coating systems.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Inspect surfaces, report unsatisfactory conditions in writing; beginning work means acceptance of substrate.

- B. Comply with manufacturer's instructions and recommendations for preparation, priming and coating work. Coordinate with work of other sections.
- C. At existing areas to be recoated, remove blistered or peeling coating to sound substrates. Remove chalk deposits and mildew and wash all surfaces with mild detergent. Perform related minor preparation including caulk and glazing compounds. Spot prime bare areas before priming and coating as specified.
- D. Match approved mock-ups for color, texture, and pattern. Re-coat or remove and replace work, which does not match or shows loss of adhesion. Clean up, touch up and protect work.

3.2 ELASTOMERIC COATING SCHEDULE

- A. Concrete: 1 coat primer, 2 coats acrylic elastomeric coating; total dry film thickness not less than 20 mils.
- B. Stucco: 1 coat primer, 2 coats acrylic elastomeric primer; dry film thickness not less than 20 mils.

END OF SECTION