

## **DIVISION 9 – FINISHES**

### **SECTION 09250 - GYPSUM BOARD ASSEMBLIES**

#### **PART 1 - GENERAL**

##### 1.01 SUMMARY

###### A. Provide gypsum board assemblies:

1. Interior walls, partitions, and ceilings.
2. Steel framing systems to receive gypsum board.
3. Vapor barrier systems in gypsum board assemblies.
4. Cementitious backer units for application of tile.
5. Installation of access panels in gypsum board assemblies.

###### B. Gypsum Board Attachment:

1. Gypsum board screw-attached to steel framing and furring.

##### 1.02 SUBMITTALS

- ###### A. Submit for approval product data; mock-up of typical partition for approval of materials and level of finish, full height by 8 feet long.

##### 1.03 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. Performance: Fire performance meeting requirements of building code and local authorities.

## **PART 2 - PRODUCTS**

### 2.01 MATERIALS

- A. Manufacturers of Gypsum Board: Domtar Gypsum, Georgia-Pacific Corp., National Gypsum Co., United States Gypsum Co. or approved equal.
- B. Manufacturers of Steel Framing and Furring: Dale Industries, Dietrich Industries, Marino Ware, National Gypsum Co., Unimast or approved equal.

#### C. Gypsum Board:

- 1. Gypsum Wallboard: ASTM C 36, fire-rated types, 5/8 inch typical thickness.
- 2. Water-Resistant Gypsum Backing Board: ASTM C 630, regular type, 5/8 inch typical thickness.
- 3. Joint Treatment: ASTM C 475 and ASTM C 840, 3-coat system, paper or fiberglass tape.

#### D. Trim Accessories:

- 1. Material: Metal or plastic trim.
- 2. Types: Cornerbead, edge trim, and control joints.

#### E. Steel Framing for Walls and Partitions:

- 1. Steel Studs and Runners: ASTM C 645, 25 gage (.0179 inch) steel studs, 3-5/8 inch typical depth with manufacturer's standard corrosion-resistant coating.
- 2. Furring Channels: ASTM C 645, [20 gage (.0329 inch)] [25 gage (.0179 inch)] with

manufacturer's standard corrosion-resistant coating.

3. Auxiliary Framing Components: Furring brackets, resilient furring channels, Z-furring members, and non-corrosive fasteners.
4. Steel Joists: ASTM C754, 10" nom., 20 gage, galvanized.

F. Auxiliary Materials:

1. Gypsum board screws, ASTM C 1002.
2. Fastening adhesive.
3. Polyethylene vapor retarder, 6 mils.

### **PART 3 - EXECUTION**

#### 3.01 INSTALLATION

- A. 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 assemblies 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. Provide continuous vapor retarder at ceilings.
- C. Provide fire-rated systems where indicated and where required by authorities having jurisdiction.
- D. Install boards vertically. Do not allow butt-to-butt joints and joints that do not fall over framing members.
- E. Provide insulation full height and thickness in partitions at toilet rooms, between different occupancies.

- F. Provide acoustical sealant at both faces at top and bottom runner tracks, wall perimeters, openings, expansion and control joints.
- G. Install trim and 3-coat joint treatment in strict compliance with manufacturer's instructions and recommendations. Joint treatment is required at all fasteners and edges between boards. Fill all surface defects. Sand between and after joint treatment coatings and leave ready for finish painting or wall treatment.

\*\*\*\*\* END OF SECTION 9250 – GYPSUM BOARD ASSEMBLIES \*\*\*\*\*

## **SECTION 09650 - RESILIENT FLOORING**

### **PART 1 - GENERAL**

#### 1.01 SUMMARY

- A. Provide resilient flooring.

#### 1.02 SUBMITTALS

- A. Submit for approval samples, product data, extra stock.

#### 1.03 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.
- C. Provide materials and adhesives which do not contain asbestos.

### **PART 2 - PRODUCTS**

## 2.01 MATERIALS

### A. Vinyl Composition Tile Flooring:

1. Manufacturers: Armstrong World Industries, Azrock Industries, Tarkett or approved equal.
2. Vinyl Composition Tile: ASTM F 1066, Composition 1, nonasbestos formulated, Class 2, 12 by 12 inches by 1/8 inch thick.

### B. Auxiliary Materials:

1. Flooring adhesive as recommended by manufacturer.
2. Edge strips and terminations.

## **PART 3 - EXECUTION**

### 3.01 INSTALLATION

- A. Comply with manufacturer's instructions and recommendations. Install in proper relation to adjacent work.
- B. Prepare surfaces by cleaning, leveling and priming as required. Test adhesive for bond before general installation. Level to 1/8" in 10' tolerance.
- C. Tile flooring: Install tile with tight joints and with one-way pattern. Layout to prevent less than 1/2 tile units.
- D. Sheet flooring: Install sheets with tight joints and pattern in adjoining areas running in the same direction. Layout to minimize seams as practical.
- E. Clean, polish, and protect.

\*\*\*\*\* END OF SECTION 9650 – RESILIENT FLOORING \*\*\*\*\*

**SECTION 09678 - RESILIENT WALL BASE AND ACCESSORIES**

**PART 1 - GENERAL**

1.01 SUMMARY

A. Provide resilient wall base and resilient flooring accessories.

1.02 SUBMITTALS

A. Submit for approval samples, product data, extra stock.

1.03 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.

C. Provide materials and adhesives which do not contain asbestos.

**PART 2 - PRODUCTS**

2.01 MATERIALS

A. Manufacturers: Afco, Johnsonite, Roppe, VPI or approved equal.

B. Resilient Wall Base:

1. Rubber Wall Base: FS SS-W-40, Type I, [0.125 inches] thick.
2. Height: 4 inches.

C. Installation Accessories:

1. Concrete Slab Primer: Nonstaining type.
2. Trowelable Underlayments and Patching Compounds: Latex-modified, Portland-cement-based formulation.
3. Adhesives: Water-resistant type, as recommended by manufacturer.

### **PART 3 - EXECUTION**

#### 3.01 INSTALLATION

- A. Comply with manufacturer's instructions and recommendations. Install in proper relation to adjacent work.
- B. Install base and accessories to minimize joints. Install base with joints as far from corners as practical.
- C. Clean, polish, and protect.

\* END OF SECTION 9678 – RESILIENT WALL BASE AND ACCESSORIES

### **SECTION 09900 - PAINTING**

#### **PART 1 - GENERAL**

##### 1.01 SUMMARY

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

## 1.02 SUBMITTALS

- A. Submit for approval samples, product data, extra stock.

## 1.03 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.

## **PART 2 - PRODUCTS**

### 2.01 MATERIALS

- A. Manufacturers: Devoe & Raynolds, Glidden Co., Benjamin Moore, Pratt and Lambert, Sherwin Williams or approved equal. First-line commercial-quality products for all coating systems.

## **PART 3 - EXECUTION**

### 3.01 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. Match approved samples 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.

#### INTERIOR PAINT SCHEDULE

Gypsum Drywall Walls primer	Semi Gloss	1 coat latex	
finish		2 coats latex	
Gypsum Drywall Walls and Ceilings in Bathrooms	Semi Gloss With Smooth Texture		1 coat latex primer
Gypsum Drywall Ceilings	Flat Gloss	1 coat latex primer 2 coats latex finish	
Wood for Painted Finish	Semi Gloss	1 coat interior alkyd enamel undercoat 2 coats alkyd enamel	
Wood for Stain Finish	Satin Gloss	1 coat interior oil base wood stain 1 coat oil base sealer 2 coats oil base varnish finish	
Concrete Masonry Units at Lab & Restrooms	Semi Gloss	1 coat latex block filler 2 coats alkyd finish	
Concrete Masonry Walls at latex block filler Animal, Storage & Receiving			Semi Gloss      1 coat heavy duty  (B42W46) 2 coats DTM acrylic coating (B66) No substitutes
Ferrous Metals	Semi Gloss	1 coat rust-inhibiting primer 2 coats alkyd enamel	

#### EXTERIOR PAINT SCHEDULE

Wood for Painted Finish	Flat Gloss	1 coat exterior primer 2 coats latex enamel
Ferrous Metal	Semi Gloss	1 coat, rust-inhibiting primer 2 coats alkyd enamel finish

Galvanized Metal

High Gloss

1 coat, galvanized metal primer  
2 coats alkyd enamel finish

\*\*\*\*\* END OF SECTION 09900 – PAINTING \*\*\*\*

\*\*\*\*\* **END OF DIVISION 9 – FINISHES**

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