

SECTION 09260 - GYPSUM BOARD ASSEMBLIES

PART 1 - GENERAL

SUMMARY

This Section includes the following:

Interior gypsum wallboard.  
Non-load-bearing steel framing.

PART 2 - PRODUCTS

STEEL FRAMING

Steel Framing, General: Comply with ASTM C 754 for conditions indicated.

Steel Sheet Components: Metal complying with ASTM C 645 requirements.

Protective Coating:

Interior Applications: Manufacturer's standard corrosion-resistant zinc coating.

Partition and Soffit Framing:

Steel Studs and Runners: ASTM C 645, in depth indicated.

Minimum Base Metal Thickness: 0.027 inch (0.7 mm).

Deep-Leg Deflection Track: ASTM C 645 top runner with 2-inch- (50.8-mm-) deep flanges.

PANEL PRODUCTS

Panel Size, General: Provide in maximum lengths and widths available that will minimize joints in each area and correspond with support system indicated.

Gypsum Wallboard: ASTM C 36.

Regular Type: In thickness indicated and with long edges tapered.

Type X: In thickness indicated and with long edges tapered.

TRIM ACCESSORIES

Interior Trim: ASTM C 1047.

Cornerbead: Use at outside corners.

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LC-Bead: Use at exposed panel edges.

JOINT TREATMENT MATERIALS

General: Comply with ASTM C 475.

Joint Tape:

Interior Gypsum Wallboard: Paper.

Joint Compound for Interior Gypsum Wallboard: For each coat use formulation that is compatible with other compounds applied on previous or for successive coats.

Prefilling: At open joints, rounded or beveled panel edges, and damaged surface areas, use setting-type taping compound.

Embedding and First Coat: For embedding tape and first coat on joints, flanges of trim accessories, and fasteners, use setting-type taping compound.

Use setting-type compound for installing paper-faced metal trim accessories.

Fill Coat: For second coat, use setting-type, sandable topping compound.

Finish Coat: For third coat, use setting-type, sandable topping compound.

Skim Coat: For final coat of Level 5 finish, use setting-type, sandable topping compound.

AUXILIARY MATERIALS

General: Provide auxiliary materials that comply with referenced installation standards and manufacturer's written recommendations.

Acoustical Sealant for Exposed and Concealed Joints: Nonsag, paintable, nonstaining, latex sealant complying with ASTM C 834 that effectively reduces airborne sound transmission through perimeter joints and openings in building construction as demonstrated by testing representative assemblies according to ASTM E 90.

Available Products:

Pecora Corp.; AC-20 FTR Acoustical and Insulation Sealant.  
United States Gypsum Co.; SHEETROCK Acoustical Sealant.

Steel Drill Screws: ASTM C 1002, unless otherwise indicated.

Use screws complying with ASTM C 954 for fastening panels to steel members from 0.033 to 0.112 inch (0.84 to 2.84 mm) thick.

Sound Attenuation Blankets: ASTM C 665, Type I (blankets without membrane facing) produced by combining thermosetting resins with mineral fibers manufactured from glass, slag wool, or rock wool.

Fire-Resistance-Rated Assemblies: Comply with mineral-fiber requirements of assembly.

PART 3 - EXECUTION

### NON-LOAD-BEARING STEEL FRAMING INSTALLATION

General: Comply with ASTM C 754, and ASTM C 840 requirements that apply to framing installation.

#### Partition and Soffit Framing:

Extend partition framing full height to structural supports or substrates above suspended ceilings, except where partitions are indicated to terminate at suspended ceilings. Continue framing over frames for doors and openings and frame around ducts penetrating partitions above ceiling to provide support for gypsum board.

Frame door openings to comply with GA-600 and with gypsum board manufacturer's applicable written recommendations, unless otherwise indicated. Screw vertical studs at jambs to jamb anchor clips on door frames; install runner track section (for cripple studs) at head and secure to jamb studs.

Install two studs at each jamb.

Extend jamb studs through suspended ceilings and attach to underside of floor or roof structure above.

Frame openings other than door openings the same as required for door openings, unless otherwise indicated. Install framing below sills of openings to match framing required above door heads.

Z-Furring Members: Erect insulation vertically and hold in place with Z-furring members.

Until gypsum board is installed, hold insulation in place with **10-inch (250-mm)** staples fabricated from **0.0625-inch- (1.59-mm-)** diameter, tie wire and inserted through slot in web of member.

### PANEL PRODUCT INSTALLATION

Gypsum Board: Comply with ASTM C 840 and GA-216.

Space screws a maximum of **12 inches (304.8 mm)** o.c. for vertical applications.

Space fasteners in panels that are tile substrates a maximum of **8 inches (203.2 mm)** o.c.

On ceilings, apply gypsum panels before wall/partition board application to the greatest extent possible and at right angles to framing, unless otherwise indicated.

On partitions/walls, apply gypsum panels vertically, parallel to framing, unless otherwise indicated or required by fire-resistance-rated assembly, and minimize end joints.

Stagger abutting end joints not less than one framing member in alternate courses of board.

At stairwells and other high walls, install panels horizontally, unless otherwise indicated or required by fire-resistance-rated assembly.

On Z-furring members, apply gypsum panels vertically (parallel to framing) with no end joints. Locate edge joints over furring members.

Single-Layer Fastening Methods: Apply gypsum panels to supports with steel drill screws.

### FINISHING

Installing Trim Accessories: For trim with back flanges intended for fasteners, attach to framing with same fasteners used for panels. Otherwise, attach trim according to manufacturer's written instructions.

Finishing Gypsum Board Panels: Treat gypsum board joints, interior angles, edge trim, control joints, penetrations, fastener heads, surface defects, and elsewhere as required to prepare gypsum board surfaces for decoration.

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Prefill open joints, rounded or beveled edges, and damaged surface areas.

Apply joint tape over gypsum board joints, except those with trim having flanges not intended for tape.

Gypsum Board Finish Levels: Finish panels to levels indicated below, according to ASTM C 840, for locations indicated:

Level 4: Embed tape and apply separate first, fill, and finish coats of joint compound to tape, fasteners, and trim flanges at panel surfaces that will be exposed to view.

END OF SECTION 09260