

GYPSUM WALLBOARD SYSTEMS

General

In general, follow the guidelines below when designing and specifying Gypsum Wallboard Systems and accessories. Unless specifically indicated otherwise, these guidelines are not intended to restrict or replace professional judgment.

Design Requirements

Generally follow design practices outlined in manufacturer's literature and standard industry manuals.

Design non-loadbearing partitions in accordance with steel stud and drywall manufacturer's published recommendations regarding stud depth and gage for each application.

Incorporate steel or plywood sheet backing into gypsum board partitions where required to support equipment or furnishings, and as otherwise deemed necessary by the Project Coordinator.

Clearly mark fire-rated assemblies on drawings with either Underwriter's Laboratories or Gypsum Association design numbers, and with required fire rating in hours.

Design assemblies to provide sound control ratings established by the Project program or by the University Project Coordinator.

Plastic trim is generally acceptable for interior applications, except specify metal trim at outside corners and other locations subject to impact damage.

Material Requirements

Gypsum: Usually specify gypsum board for partition applications a minimum of 5/8-inch thick; and for suspended ceilings, soffits and fascias a minimum of 1/2-inch thick. Thinner units are acceptable where required for bending, compliance with UL or GA Design requirements, or other design requirements.

Steel Supports: Galvanized, and as follows:

- Studs: C-shaped, punched, and not less than 22 gage minimum thickness.

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