

PROVO CITY

Gypsum Board Installation

Sections 2500 IBC and 702 IRC

FASTENERS: (IRC Table R702.3.5)

Length: Nails - Minimum 3/4" embedment in wood.
Screws - Minimum 5/8" embedment in wood and 3/8" in steel.

Location: Minimum 3/8" from board edge or end.
Spacing: Nails - Maximum 7" o.c. in ceilings / 8" o.c. in walls.
Screws - Maximum 12" o.c. in ceilings / 16" o.c. in walls.

Shall not be spaced less than 3/8" from edges and ends of gypsum wallboard. Fasteners shall be applied in such a manner as not to fracture the face paper with the fastener head. (IBC Section 2508.3.1)

If the ceiling framing member next to and parallel to a wall is not within 14" of the wall, the gypboard must be nailed to the corner backing. Backing / Ladder blocking must be spaced to meet the fastener spacing for that surface (Ceilings 24", Walls 16"). The "floating" gypboard must be continuously "pinched" between the backing and the intersecting sheet that is nailed in place. (United States Gypsum Drywall Construction Handbook Chapter 2)

If adhesive is used fasteners shall be used in accordance with ASTM C 557 and IBC Table 2506.2

OTHER COMMENTS:

1. No lath or gypsum board or their attachments shall be covered or finished until it has been inspected and approved by the building official in accordance with Section 109.35. **ie. No taping or filling before inspection is passed.** (IBC Section 2503.1)
2. On horizontal surfaces sheets may not be applied parallel to framing when members are spaced over 16" o.c.. (IBC Table 2506.2 and IRC Table R702.3.5)
3. The maximum gap around electrical boxes is 1/8". (NEC Article 314-2)
4. Gypsum wallboard single-layer fire-rated assemblies shall have joints treated. Exception: where joints occur over wood-framing members. (IBC Section 2508.3)

CODE REFERENCES:

2008 National Electrical Code; 2009 International Building Code - Chapter 25 and Table 2506.2, 2009 International Residential Code Table 702.3.5.