

Gypsum Board Ceiling Installation – Step by Step

Step 1: Measure the Ceiling Area

- Measure length × width of the room.
- Mark the ceiling level and ensure uniform height.

Step 2: Prepare the Framework Layout

- Mark positions for wall angles, main channels, and furring channels.
- Main channels: 3–4 ft apart; Furring channels: 1.5–2 ft apart.

Step 3: Install Wall Angles / Perimeter Channel

- Fix wall angles along all walls at the marked level using screws.
- Check alignment using a level tool.

Step 4: Install Ceiling Suspension System

- Fix ceiling hangers or rods from the slab.
- Attach main channels to these hangers.

Step 5: Fix Furring Channels

- Connect furring channels to main channels using clips.
- Level the entire frame.

Step 6: Install Gypsum Boards

- Place gypsum boards on the frame.
- Screw spacing: every 12–16 inches.
- Keep 3–5 mm gap between sheets.

Step 7: Cut Openings (Lights, Vents)

- Mark and cut openings for spotlights, fans, and AC diffusers.

Step 8: Apply Joint Tape & Compound

- Apply tape on joints and add joint compound.
- Apply 2–3 coats for smooth finish.

Step 9: Sanding

- Lightly sand the dried compound for a smooth surface.

Step 10: Final Finishing

- Apply primer and paint.

- Install lights after paint dries.