Installing your acoustic panels

Wall panels, ceiling clouds, baffles, grid tiles and freestanding panels

Thank you for your order. Each panel is built to the size you chose and ships with the hardware it needs. Read the section for your mounting type before you start, and check local building codes for ceiling-hung products. When in doubt, use a qualified installer.

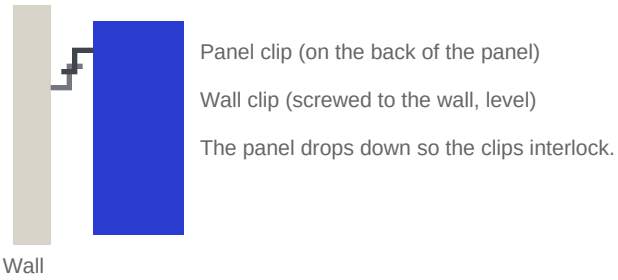
Before you start

- Open every box and check each panel against your packing list. Report damage within 14 days; keep the packaging.
- Let panels sit in the room for 24 hours so they adjust to its temperature and humidity.
- Handle panels by the edges with clean, dry hands. Never lift a panel by one corner or by its fabric.
- Plan the layout on the wall with painter’s tape first. Our 3D layout builder can print a DXF with every position.
- Keep panels at least 18 in below sprinkler heads and clear of light fixtures, vents and exit signs.

Tools

- Tape measure and pencil
- Level (24 in or longer) or laser level
- Drill with bits for your wall or ceiling
- Stud finder
- Screwdriver
- Step ladder or scaffold for ceilings
- Safety glasses

1. Wall panels with Z-clips



1. Mark the top of the panel on the wall. The wall clip goes 2 in below that line (the panel clip is already fitted 2 in from the top).
2. Find studs. Screw the wall clip into at least two studs with the screws provided, or use anchors rated for 50 lb or more in drywall, masonry anchors in concrete or block.
3. Check the clip is level, then lift the panel, hold it slightly above the clip and lower it until the clips lock together.
4. For panels over 48 in tall, add the bottom spacer so the panel sits parallel to the wall.
5. Impaling clips (optional, for flat panels on drywall): press the panel firmly onto the spikes once the clips are positioned.

2. Ceiling clouds (horizontal)

1. Clouds hang from four adjustable aircraft cables. Mark the anchor points on the ceiling to match the cable positions on the panel (shown on its label).
2. Fix each anchor into structure: wood joists, concrete or the building's steel. Do not hang from drywall alone, ductwork, conduit or sprinkler pipes.
3. Screw the cable grippers into the panel's threaded inserts, thread the cables and lift the cloud into place with a helper.
4. Level the cloud by sliding each gripper. A 4 to 12 in gap above the cloud improves low-frequency absorption.
5. In seismic zones, add a fifth safety cable or bracing as the local code requires.

3. Baffles (vertical)

1. Baffles hang edge-down from two cables. Snap chalk lines on the ceiling for each row.
2. Space rows 24 to 48 in apart and run them across the main direction sound travels (for example, across a gym, not along it).
3. Fix the anchors to structure, attach the cables to the top inserts, then level each baffle so the bottom edges line up.
4. Keep the bottom of every baffle above 7 ft in walkways and well above any ball-play area in gyms.

4. Lay-in ceiling grid tiles

1. Tiles fit standard 15/16 in T-bar grids. Check the grid's load rating; acoustic tiles weigh about 1 to 3 lb per ft².
2. Lift out the old tile, tilt the new tile through the opening and lower it gently onto all four flanges.
3. Wear clean gloves; push only on the back of the tile, never on the fabric face.
4. For fire-rated ceiling assemblies, confirm the replacement tile is allowed in that assembly.

5. Freestanding panels

1. Slide the two floor feet onto the bottom rail and tighten the set screws.
2. Place freestanding panels out of walkways and exits, on a level floor. Join long runs with the connector brackets so they can't tip.

Custom shapes and printed panels

Custom-shape panels come with the hanging points marked on a label on the back. Printed panels have an arrow on the back showing which way is up. Check the orientation before fixing anything to the wall.

Safety

- Work from a stable ladder or scaffold; use two people for anything over 24 × 48 in or overhead.
- Never cut through the fabric to adjust a panel. Contact us; we can remake it.
- Mineral wool fibers can irritate skin. If a panel is damaged, wear gloves and a dust mask while handling it.
- Clouds and baffles over occupied space must be hung to the local building code. Ask an engineer if you aren't sure of the structure.

Need help? Email orders@acousticpanels.ca with your order number and a photo of the wall or ceiling.