

Suspended Ceiling Kit Instructions

Refer to the acoustical ceiling tile/grid manufacturer's planning and installation guides for proper instructions.

Terminology

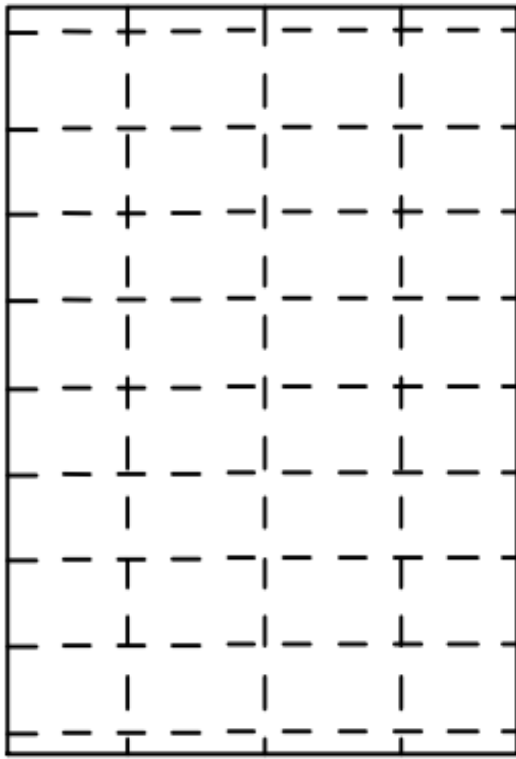
Wall angle: "L" shaped perimeter runner

Main Tees: Longest and strongest shaped runner

Cross Tees: 2 ft. or 4 ft. secondary runner

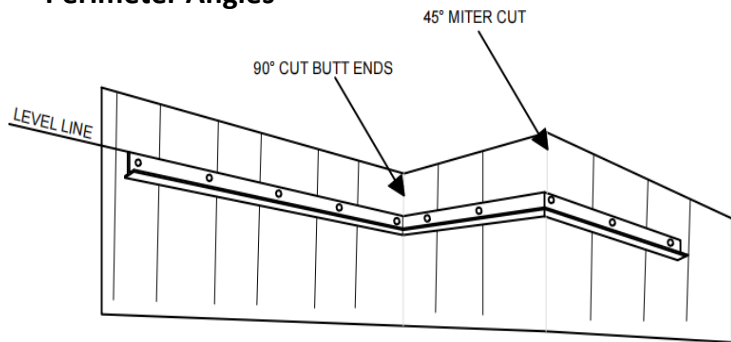
Before Starting

1. Measure the room and draw to scale.



2. Draw or snap a chalk centerline parallel to the longest side of the room.
3. Draw or snap chalk lines parallel to centerline at 4 ft. intervals.
 - If more than 2ft. remains between the outside lines and the walls, position the Main Tees at these marks.
 - If less than 2 ft. remains, position the Main Tees beginning 2 ft. on either side of centerline at 4 ft. intervals.
4. Beginning at the center of the room, draw Cross Tees 2 ft on center, perpendicular to Main Tees.
5. Add 2ft. Cross Tees for 2 ft. x2 ft. tiles.

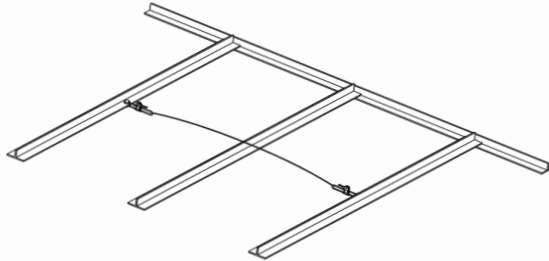
Perimeter Angles



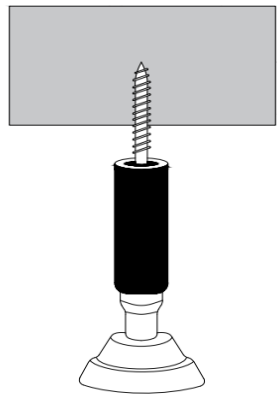
1. Draw or chalk a level line (parallel to the ceiling) on the perimeter walls 2-1/4 in. (minimum) below the lowest duct or obstacle.
2. Nail the Wall Angles under the level line using 6D nails at joists. To make nailing easier, pre-drill the wall angle using a 1/8 in. drill bit or Grid Punch.
3. Using snips or a hacksaw, cut the wall angel corners: 90° cuts at the inside corners and 45° cuts at the outside corners.

Main Tees

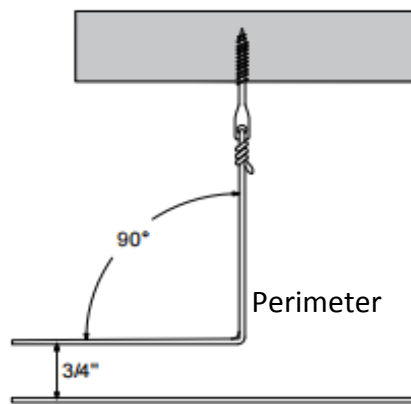
1. Referencing your room diagram, mark the position of the Main Tees on the perimeter Wall Angle. Select one set of marks and use the Grid Clamps to stretch the leveling line across the room. (Main tain at least a 3 in, clearance below the lowest pipe, duct or beam, when determining your ceiling height.)



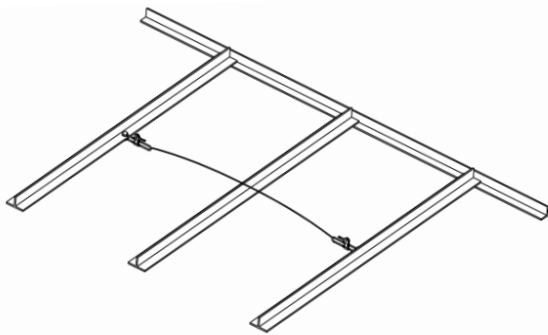
2. Install the Eye Lag Screws at 4 ft. intervals directly above the leveling line. Use a Eye Lag Screw Drill Adapter in your drill to make this operation quick and easy.



3. Attach the tie wire to the Lag Screws. At 3/4" above the Leveling Line, bend the hanger wires at a 90° angle. Repeat steps 1,2 and 3 for each of the Main Tees.



4. Refer back to your room diagram and use the Grid Clamps to stretch the Leveling Line perpendicular to the Main Tees locating the first row of Cross Tees.



5. To install the Main Tees, trim them so that the slot for the first row of Cross Tees lines up with the Leveling Line.

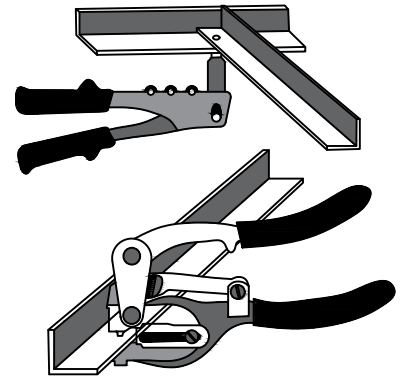
6. Hang the Main Tees by pulling each Hanger Wire through a hanger hole on the Main Tees, bending and twisting it at least 3 times. If there isn't any conveniently located hanger hole, make one by using a drill and a 1/8in. bit or by using a Grid Punch.

Cross Tees

1. Install the Cross Tees by pushing the ends through the Main Tees slots until a "click" is heard. Where two Cross Tees intersect in the same slot, be sure to insert the second Cross Tees to the left of the first Cross Tee end.
2. For a 2 ft. x 2 ft. grid pattern, bisect each 2 ft. x 4 ft. module with a 2 ft. Cross Tee.

Perimeter

1. Every 4 ft. along the perimeter Wall Angle, the Main Tee or Cross Tee should be fastened with a White Rivet. Pre-punch the tees and wall angles with a grid punch tool then fasten the rivet with a pop rivet tool.



Install Panels

1. Install the ceiling panels by tilting each panel up through the opening and lowering it to rest squarely on all tees.