

Wood Ceiling Panels Mounted Directly to Furring

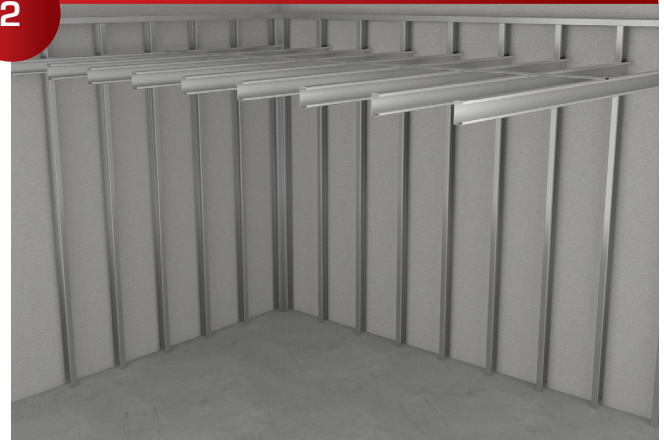
These Nylon Ceiling Clips are designed to be installed onto a $\frac{3}{4}$ furring system. They are sold in pairs, which includes upper and lower clips, 2 locking arms 8 each, # 8 wood screws. They hold 25 pounds per clip. Installing and aligning clips overhead is difficult, we recommend the use of a $\frac{1}{4}$ plywood template. There is an installation shop demonstration video available.

1 REQUIRED TOOLS



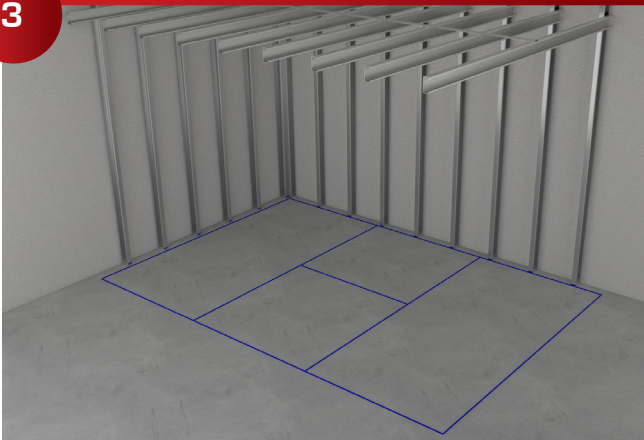
520 Ceiling Clip, Pairs, 539 Router Template, 915 Router Bit, 1/32" Offset, 920 Panel Adjuster, Laser Level

2 INSPECT THE STRUCTURE



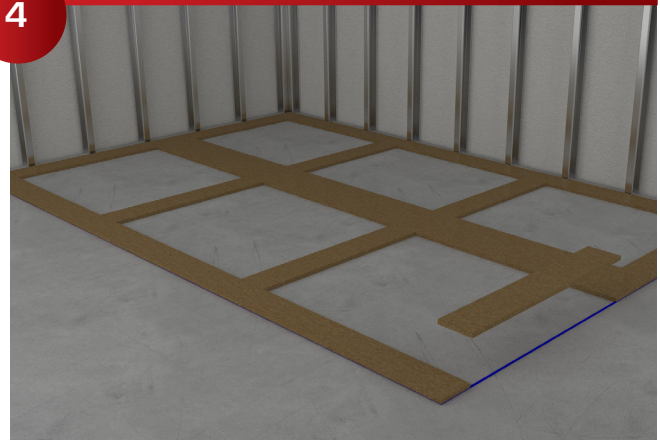
Take a look at the structure above the panels to make sure it will support both the panels and the furring you plan to install. The clips strength is dependent on the holding power of the screws.

3 LAYOUT



Lay out the panel's on the floor, in order check the fit. You can layout the centerline of the reveals or the perimeter of the panels.

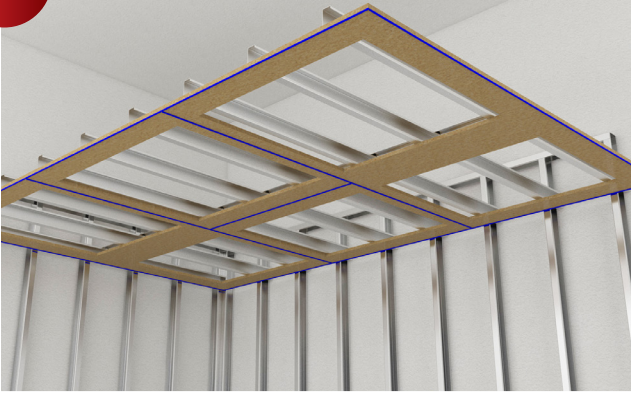
4 FURRING LAYOUT



Layout the furring system on the floor to cut the furring material to length.
Note: Leave at least a 1/16" gap at all joints for furring expansion.

5

INSTALL FURRING ON THE CEILING



Install the furring securely onto the structure above, the furring does not have to be precisely installed. Transfer your panel layout from the floor to the furring.

6

CUT CEILING CLIP TEMPLATE



Cut a 1/4" thick full size Plywood Template for each size of panels. Use the small 539 Router Template to cutout the clip pockets in the Plywood Template to locate the placement of every clip pair. Clip placement does not have to be precise.

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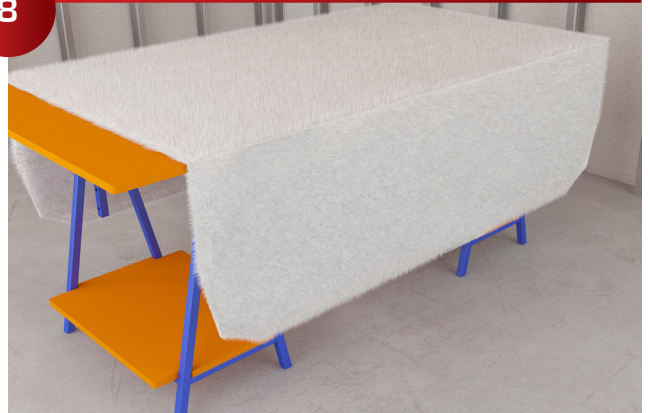
INSTALL THE TEMPLATE ON FURRING



Use a small nail gun or screws to install the Plywood Template securely and accurately onto the furring. Push the upper clip to the back of the guide pocket and screw the clips into place.

8

SET UP WORK TABLE



Set up flat clean carpeted worktable to work from.

9

INSTALL TEMPLATE ON THE PANEL



Use a small nail gun or screws to install the Plywood Template securely and accurately onto the panel.

10

INSTALL THE CEILING CLIPS



Install the lower clip to the front of the guide pocket and screw the clips into place.

11

INSTALLING FIRST PANEL



Pretest the fit of the ceiling panel carefully and make sure each clip is properly placed before installing the Locking Arms.

12

INSTALLING FIRST PANEL



When satisfied with the fit, install the locking arms, and push the panel into place. There should be an audible click when locking arms spring into place. The locks do not have to be installed on every clips, we recommend using locks around the perimeter.

13

INSTALLING ALL PANELS



Finished ceiling panels can be glued with a small spot of silicone to hold reveal tolerances. The panels can be removed with enough force to loosen or break the locking arms, this should not damage the clips and the locking arms are replaceable.