

General

CertainTeed Terminus Trim is a perimeter trim system designed for use when installing an acoustical suspended cloud ceiling with any one of our CertainTeed Ceilings acoustical suspension systems.

The product is comprised of 10' long sections of trim, as well as inside and outside corner posts, in addition to factory mitered & welded corner kits.

The Terminus Trim is available in heights ranging from 2" - 12". The product is extruded aluminum, and can be field cut using a standard sliding compound miter saw fitted with a carbide-tipped blade that is designed for cutting non-ferrous metals.

Design & Specifications

The Terminus Trim system is available in both straight and curved sections. All curves are limited to a 24" radius, with the exception of Fin and fin semi-concealed, which cannot be curved.

The system consists of Straight, Semi-Concealed, Fin, Fin Semi-Concealed Trims.

All pieces include splices and twist clips for installation. Additional splices and twist clips available for order.

Ecophon Colors are available. Additional colors are available upon request.

Attachment

Steel splice plates are used to align and secure joints between sections of perimeter trim. For a 2" piece, each joint will require one splice plate; two splice plates for a 4" piece, three for a 6" piece, four for a 8" piece, five for a 10" piece, and six splice plates for a 12" section.

Terminus Twist Clips are connection clips that are used to securely attached the perimeter trim to the supporting suspension system members. These clips are supplied with each length of perimeter trim with a locking screw already

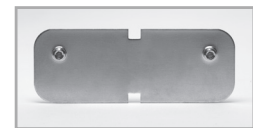
factory installed. One clip is required for each intersection of suspension system and perimeter trim. A screw needs to be secured through the clip and into either the webbing or bulb of the suspension system components.

Materials Required

- CTC Ceiling Suspension System
- Terminus Trim
- Twist Clips
- Terminus Splice assemblies



Twist Clip



Splice Clip

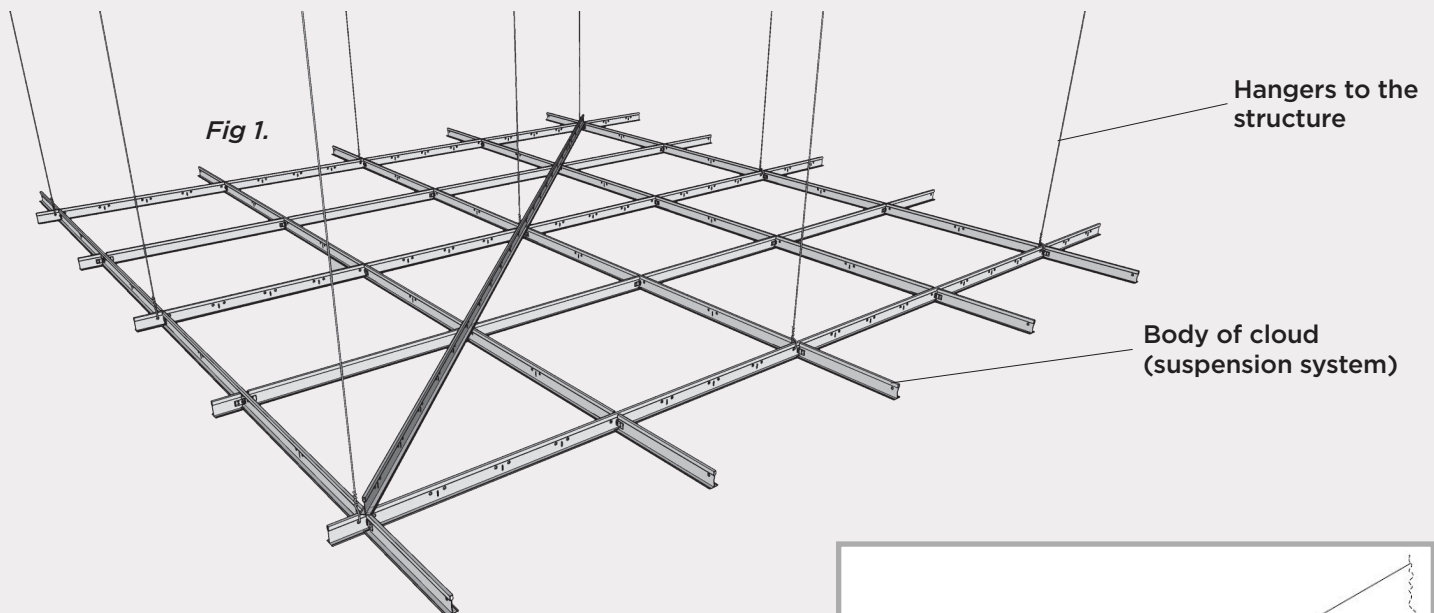
Installation Instructions – 11 Steps

1. As with any suspended ceiling system, first determine the finished height of the assembly in accordance with the architectural details. Second, lay out and install the acoustical ceiling suspension system according to the reflected ceiling plan. Determine the most appropriate layout for the suspension system that maximizes the length of the cross-tees that will terminate into the Terminus Trim.
2. Brace and square the acoustical ceiling suspension system. This can be achieved by bracing diagonally to the supporting structure above using splay wires, cut pieces of drywall suspension system, or "C" channels. Square the grid by either screwing or temporarily clamping a rigid bracing member such as a piece of main runner or wall angle, diagonally across the top of the drywall suspension system. This will allow the system to maintain proper 90 degree alignment between the main runners and cross tees, and thus stay square. **See Fig. 1**
3. To determine the layout and positioning for the Terminus Trim components, use the already installed acoustical ceiling suspension system as a template for placement.

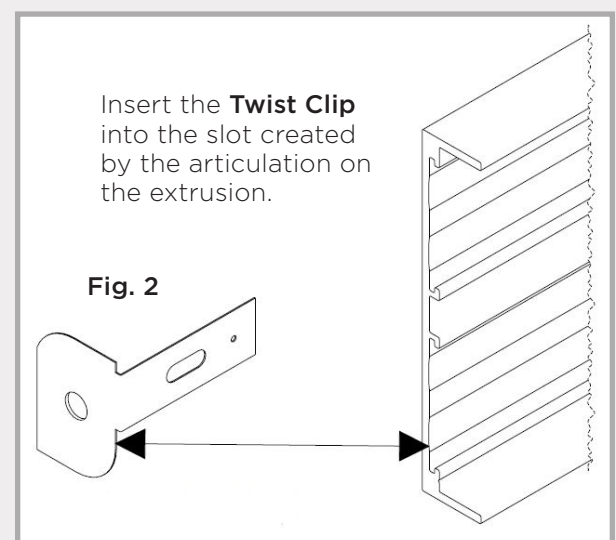
Temporarily assemble the components either on the floor or on top of the acoustical ceiling suspension system, whichever is easier. Check the alignment of the components and clamp them in place.

With the components in place, mark the spots where the open side of the Terminus Trim rests on the suspension system members.

Using the above reference mark as a guide, make an additional mark 3/8" to 1/2" closer to the inside face of the Terminus Trim. This second mark is where the suspension system members should be cut to fit inside the Terminus Trim components. The 3/8" dimension is the minimum dimension that the suspension components need to be inserted into the perimeter trim, with the 1/2" dimension being the maximum dimension capable.



4. Using the marks on the suspension system, cut the system to receive the Terminus Trim components. Insert the twist clips into the Terminus Trim channel to the approximately correct position. Hold up the perimeter trim to confirm that the clips align with the main runners and cross-tees (depending on which side is being worked on). The twist clips are required to be installed at the terminal end of each cross-tee and main runner. Ensure that the maximum spacing between twist clips is 4-feet. Adjust the twist clip so that it is at the exact location of a cross-tee or main runner so that the clip fits under the bulb of the grid, and tight against the vertical webbing. Using a Phillips-head screw driver, tighten the screw on the twist clip to lock it in place. Do not over tighten the locking screw or it can come through and damage the face of the Terminus Trim. **See Fig. 2**



5. Attach the Twist Clip by means of a screw or rivet into the web of the cross-tee or main runner.

6. Connect up the next piece of Terminus Trim by inserting a Splice Clip into the first Terminus Trim and then shifting into the next piece of Terminus Trim. Tighten the screws as per the Twist Clip. Do not over tighten or this can come through and damage the face of the Terminus Trim. See **Fig. 3** (1-splice clip for 2" trim, two for 4" trim, 3 for 6" trim, 4 for 8" trim, 5 for 10" trim, and 6 for 12" trim)

7. Add additional hanger wires as required: The manufacturer requires that Terminus Trim systems and the associated supporting suspension systems be installed and supported in a manner that complies to all applicable codes and standards.

Main runners must be supported 4' on center or by calculation based on actual ceiling weight. Information on alternative hanger wire spacing to be found within ICC ESR-3336.

Cross-tees located on either side of a joint in the Terminus Trim, and then at 4' centers must be supported by wires located closer to the perimeter trim than their midpoint.

Installations in seismic design areas may require additional seismic restraint. This may entail the addition of hanger wires to each suspension member within 8" of the terminal end. Lateral force bracing may be required, and should be consistent with locally approved standards, or as called out in the specifications.

8. If the Terminus Trim is 8-inch, 10-inch or 12-inch, assess whether the Terminus requires additional direct support from the structure by either fixing wire to an additional Twist Clip or directly into the top of the Terminus Trim section.

9. For corners, either use factory-mitered corners or bend the splice to the desired angle to receive the other piece of trim and field-miter cut.

10. If the Terminus is comprised of curved trim (convex or concave), first lay out all the pieces on the floor to ensure they position correctly before commencing with the installation.

11. Re-check all connections and splices to insure that every structural element has been appropriately installed.

