

Terminus Glazing Channel

INSTALLATION MANUAL





General

CertainTeed Terminus Glazing Channels offer a more efficient method of installing interior glass partitions without the use of framing. Terminus Glazing Channels are designed for seamless integration with CertainTeed acoustical and drywall suspended ceilings.

The product is comprised of 10' long sections of trim.

The Terminus Glazing Channels are offered in four profiles for coordination with acoustical or drywall ceilings. 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 Glazing Channel system is available in 10' straight lengths and custom cuts.

The system consists of Acoustical to Acoustical, Drywall to Acoustical, Semi-Concealed to Semi-Concealed, and Drywall to Drywall Glazing Channels.

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

Available in CertainTeed White and Black, additional color options are offered through our Post-Paint process. See the Visual Options - Suspension Systems page for color option details.



For Special color options,
contact your local
sales representative.

Attachment

Steel splice plates are used to align and secure joints between sections of Terminus Glazing Channel. For each glazing channel, each joint will require one splice plate.

Terminus Twist Clips are connection clips that are used to securely attached the glazing channel to the supporting suspension system members. These clips are supplied with each length of glazing channel with a locking screw already factory installed. One clip is required for each intersection of suspension system and glazing channel. A screw needs to be secured through the clip and into either the webbing or bulb of the suspension system components.

Materials Required

- CertainTeed Architectural Ceiling Suspension System
- Terminus Glazing Channels
- Terminus Twist Clips
- Terminus Splice Clips



Twist Clip

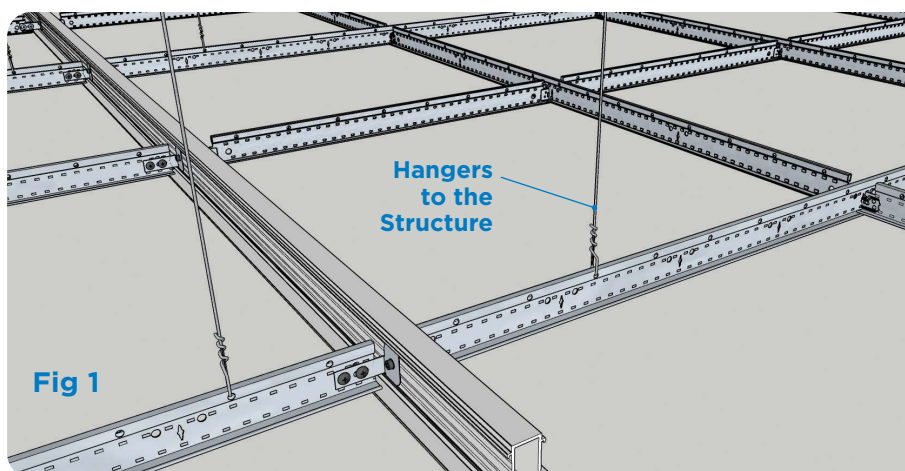


Splice Clip

Installation Instructions – 9 Steps

Step 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 Glazing Channel. When installing the suspension system, ensure the ceiling is square to allow for proper alignment of main runner and cross tees. See **Fig. 1**



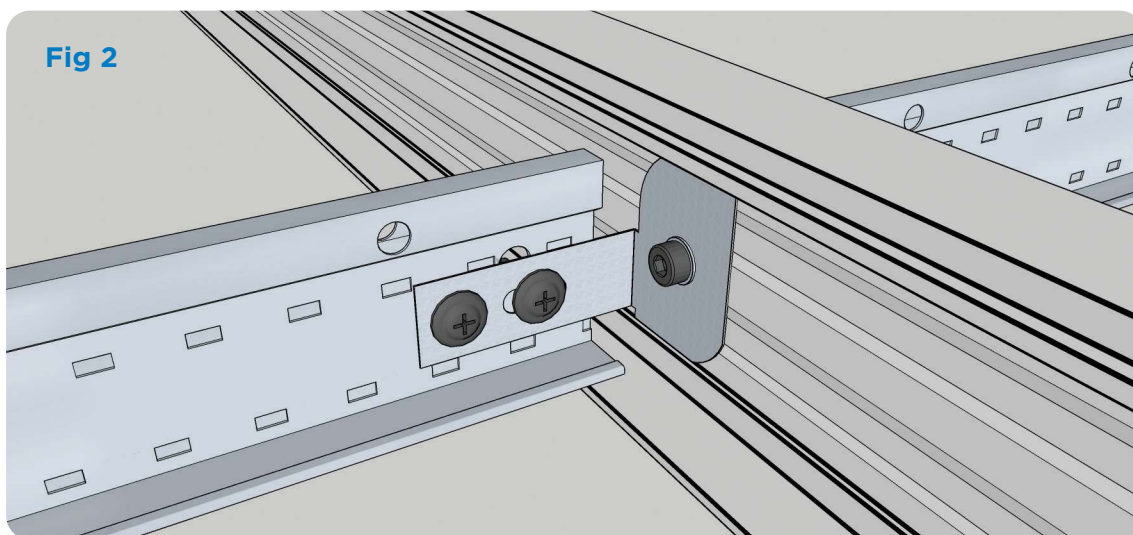
Step 2:

To determine the layout and positioning for the Terminus 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 suspension system, whichever is easier. Check the alignment of the components and clamp them in place.

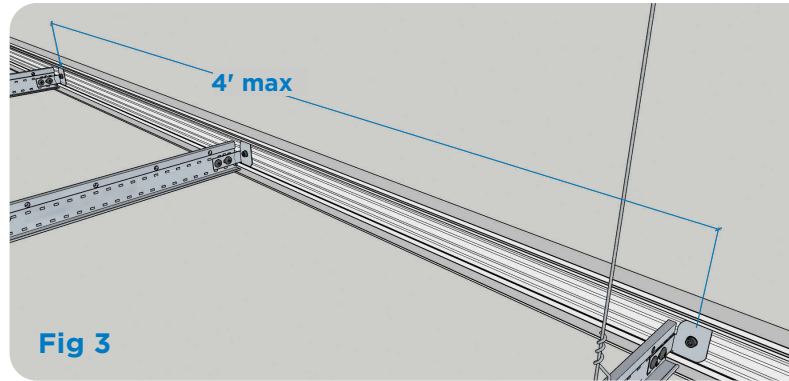
With the components in place, mark the spots where the open sides of the Terminus rests on the suspension system members.

Using the above reference mark as a guide, make an additional mark $\frac{3}{8}$ " to $\frac{1}{2}$ " closer to the inside face of the Terminus. This second mark is where the suspension system members should be cut to fit inside the Terminus components. The $\frac{3}{8}$ " dimension is the minimum dimension that the suspension components need to be inserted into the glazing channel, with the $\frac{1}{2}$ " dimension being the maximum dimension capable. See **Fig. 2**

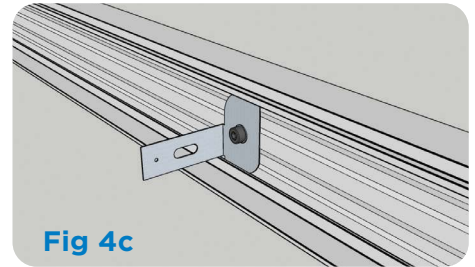
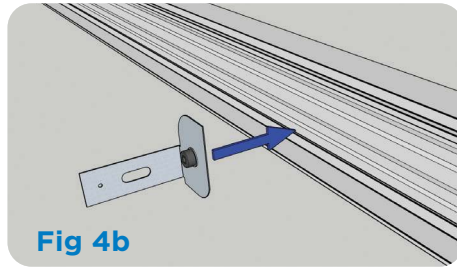
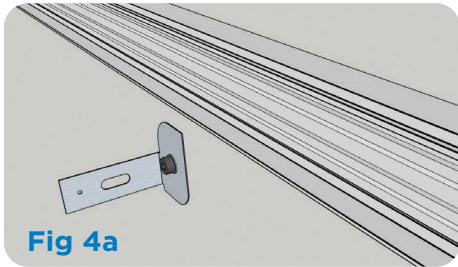


Step 3:

Using the marks on the suspension system, cut the system to receive the Terminus components. Insert the twist clips into the Terminus Glazing Channel to the approximately correct position. Hold up the glazing channel to confirm that the clips align with the main runners and cross-tees. 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. See **Fig. 3**



Using a 1/8" hex-head driver, tighten the screw on the twist clip to lock it in place. See **Fig. 4**



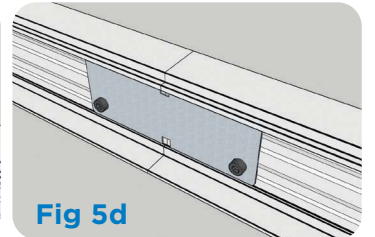
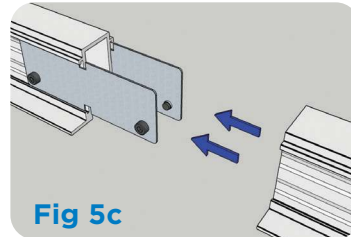
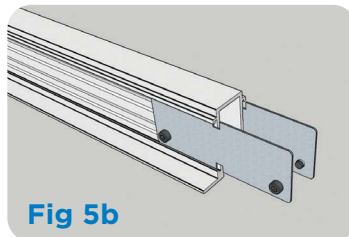
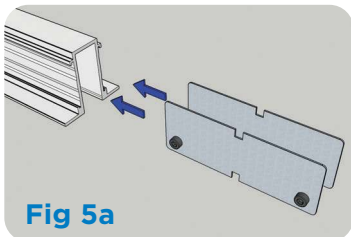
Insert the Twist Clip into the slot created by the articulation on the extrusion.

Step 4:

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

Step 5:

Connect up the next piece of Terminus Glazing Channel by inserting a splice clip into the first glazing channel and then shifting into the next piece of glazing channel. Tighten the screws as per the Twist Clip. See **Fig. 5**



Insert the Splice Clip into the slot created by the articulation on the extrusion.



Step 6:

Terminus Glazing Channels may require additional framing. CertainTeed recommends securing the glazing channel every 4' with 2"x4" blocking and steel studs, **Fig. 6b**, or with 1-1/2" Drywall System Main Runners and hanger wire, **Fig. 6c**, to prevent lateral and uplift force of 200 lbs. Follow specific framing and reinforcement requirements from the plans and specifications.

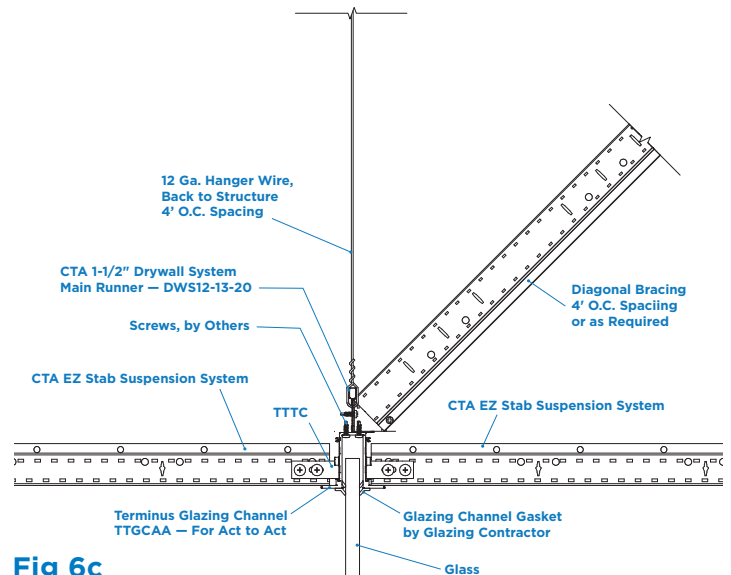
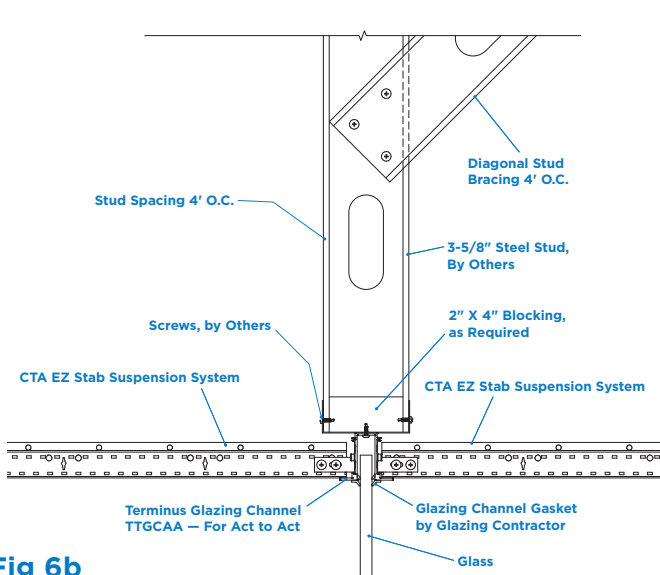
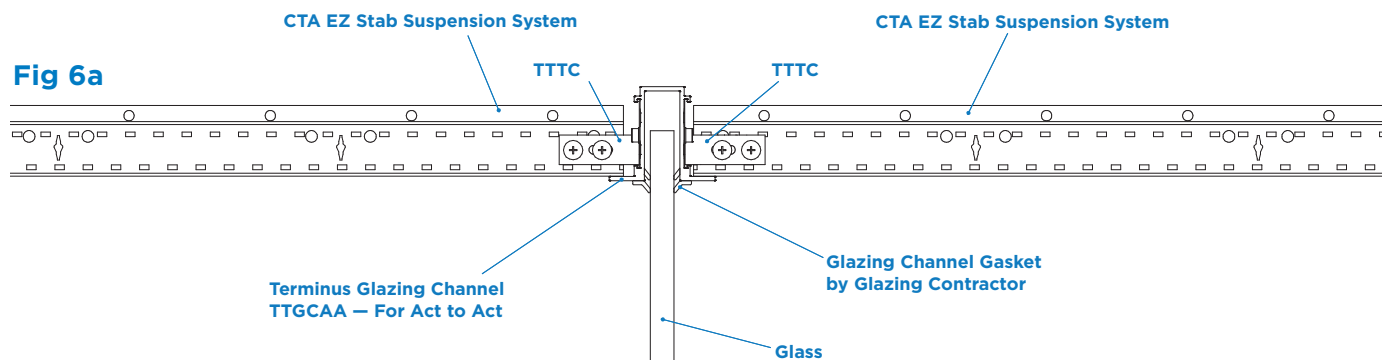


Fig 6b

Fig 6c

Step 7:

Add additional hanger wires as required: CertainTeed requires that Terminus Glazing Channel 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 Suspension System load capabilities can be found within ICC-ES ESR-3336.

Cross-tees located on either side of a joint in the Terminus Glazing Channel, at 4' centers must be supported by wires located no further than 12" from the Terminus Glazing Channel.

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.

Step 8:

For corners, bend the splice to the desired angle to receive the other piece of trim and field-miter cut.

Step 9:

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

**CertainTeed**

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