AXIOM® Glazing Channel Trim

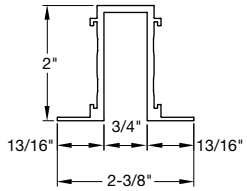
Assembly and Installation Instructions

1. GENERAL

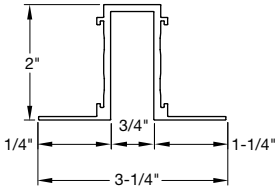
1.1 Description

Axiom Top Glazing Channel is designed for use with interior glass partitions that run into the ceiling. The five available profiles integrate with either drywall or acoustical ceilings and simplify the construction process by eliminating framing. Bottom channels and side channels (if used) would be provided by the glazing contractor. Armstrong is providing the top channel only to coordinate with drywall and acoustical ceilings.

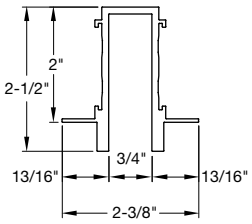
All components are made in 10' lengths.



There are five profiles designed for use with acoustical ceilings or drywall. The most common will be AXGC.

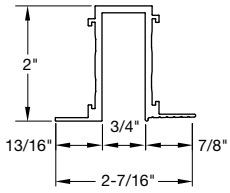


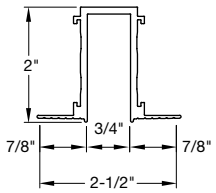
The left profile (AXGCS) will be used primarily in seismic installations, but could also be used if there is a preference for wider flanges.



For added architectural detail, use AXGCV. This profile can be used with full-size Vector® panels at the glazing channel reveal, OR it could be used with Tegular panels as well.

The profiles below are for drywall-to-drywall or acoustical-to-drywall applications (AXGCD, AXGCAD).





2. MATERIAL DELIVERY AND IDENTIFICATION

2.1 Delivery

Axiom Top Glazing Channel and hardware are delivered to the job site in specially designed packaging for your job. Exercise appropriate care to protect the finished surfaces of the trim.

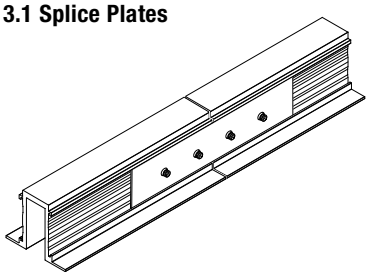
NOTE: Gasket material or silicone are not included with the aluminum channel. Recommendations and material shall be provided by a knowledgeable glazing contractor.

2.2 Review

Review the packing slip to ensure that the complete order has been delivered to the site.

3. COMPONENT ASSEMBLY

3.1 Splice Plates



Steel splice plates are used to align and secure all joints between sections of the Axiom Glazing Channel. Splice plates are secured to the trim sections using factory-installed set-screws. Each end should have two splice plates.

Typical Procedure

1. Position the splice plates (AX4SPLICE) in the bosses at the end of the trim.
2. Tighten the setscrews using the 1/8" hex key included with the hardware.

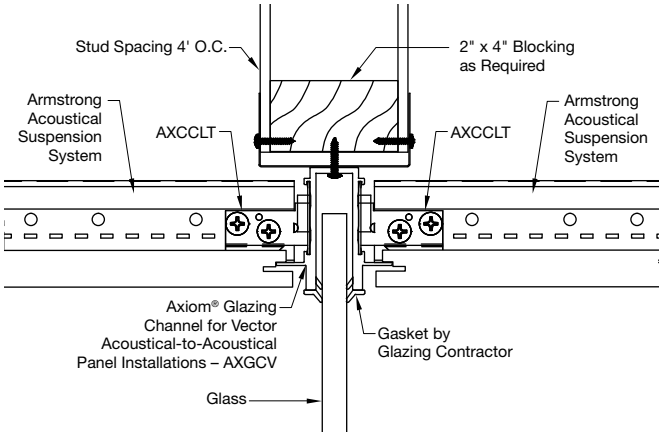
3.2 T-Bar Connector Clips

Axiom® T-Bar connector clips (AXCCLT) are used to attach the ceiling or drywall suspension systems to the Axiom Top Glazing Channel.

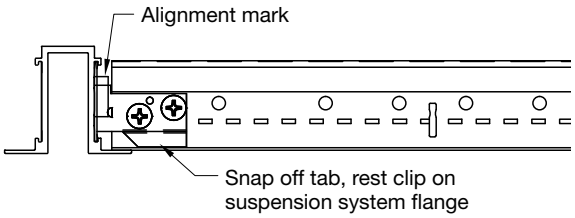
These steel clips are supplied with the glazing channel. One clip is required at each location where the suspension system intersects the light cove trim.

There are three ways to use the AXCCLT twist-in T-Bar Connector Clip INCLUDED with each shipment:

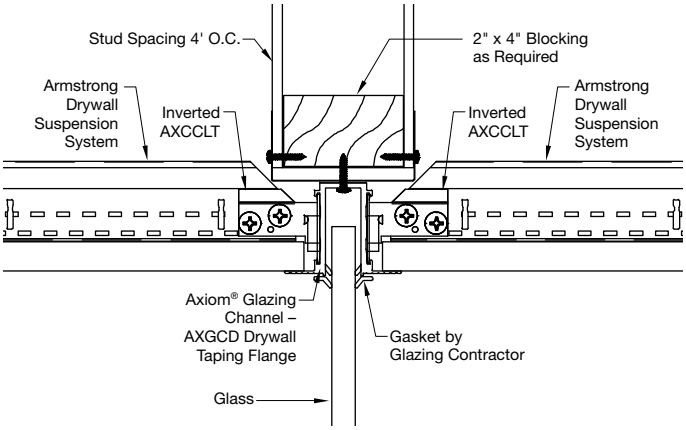
1. In the upright position, the AXCCLT is used with lay-in, Tegular, concealed tile, and installations of Vector® panels that are FULL SIZE panels.



2. For Interlude® XL® HRC, Sonata® XL®, Silhouette®, and Trimlok®, the AXCCLT must be modified as shown below.



3. For drywall applications (AXGCD or AXGCAD), the AXCCLT must be inverted to provide the required 5/8" gap between the drywall grid and taping flange on the glazing channel. In addition, the bulb of the drywall grid may need to be cut back to allow for a track to be installed on top of the glazing channel profile. See below.



Typical Procedure

1. Cut suspension system to length
2. Attach clip to suspension system member
3. Engage clip in channel bosses and twist to secure

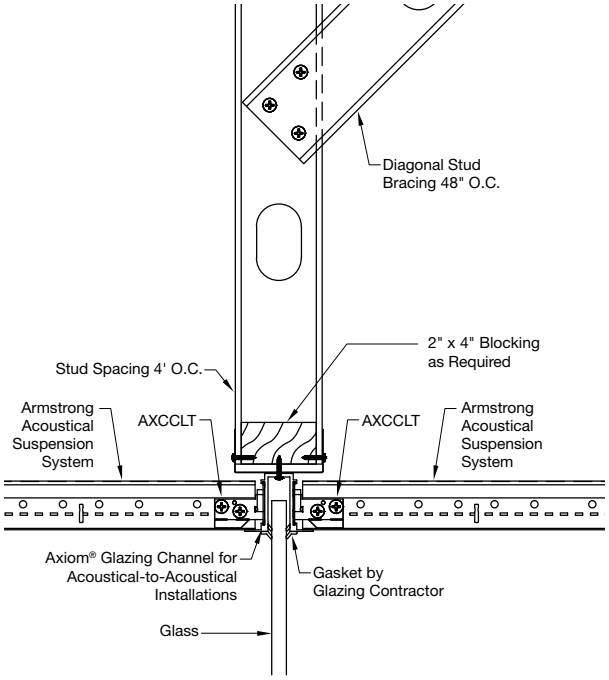
4. T-BAR CONNECTOR CLIPS FOR INTEGRATION OF PRODUCTS THAT REQUIRE GRID OFFSET GREATER THAN 3/8"

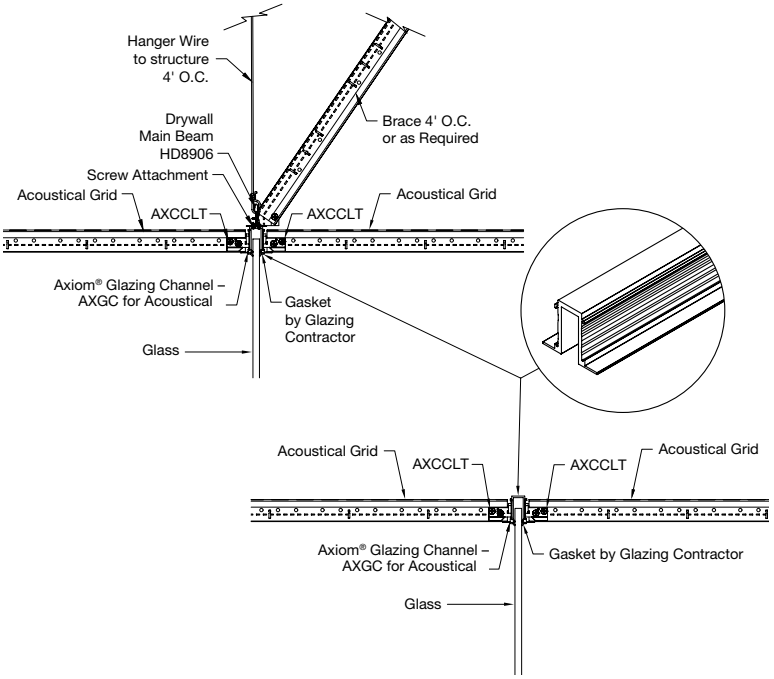
The ATC (Adjustable Trim Clip; item 7239) can be used in various installations to accommodate a range of grid offsets. This clip can be adjusted to install grid at 0" to 3-3/4" above the flange of the Axiom trim at 1/8" increments. This adjustability enables Axiom Glazing Channel to be installed with a range of WoodWorks®, MetalWorks™, and other architectural specialties products. The ATC can be requested at the time of order in lieu of the AXCCLT clips, or ordered separately. One clip is required at each location where the suspension system intersects the channel trim.

To avoid interference issues, installations using the ACT will require the Axiom Glazing Channel to be installed with Armstrong Drywall Grid, and the flange of the DGS to be notched at the clip locations. Contact TechLine for details.

5. GENERAL INSTALLATION PROCEDURES FOR AXIOM® TOP GLAZING CHANNELS

5.1 Axiom Glazing Channel is designed to be integrated with the acoustical or drywall ceiling. It will likely require some additional framing. See below detail. The glazing channel should be secured every 4' to prevent uplift and lateral force of 200 lbs. Specific framing and reinforcement should be followed from the architectural plans and specifications.





Typical Procedure

1. Lay out and install the suspension system according to the reflected ceiling plan.
2. Attach the T-Bar connector clips. Align clips as shown in 3.2.
3. Insert one framing screw near the center of the slot.
4. Install the Axiom Glazing Channel.
5. Install support framing as required.
6. Install drywall or ceiling panels as required.

6. FINAL DETAILING

6.1 Check and adjust the alignment of the Axiom components and ceiling panels.

6.2 Clean exposed surfaces as required. Painted Axiom components may be wiped down with rubbing alcohol or a mind soap solution to remove fingerprints, oil, etc.

6.3 Touch up painted components as required. All painted custom Axiom shipments include a container of paint to be used for touch-up.

MORE INFORMATION

For more information, or for an Armstrong Ceilings representative, call 1 877 276 7876.

For complete technical information, detail drawings, CAD design assistance, installation information, and many other technical services, call TechLine customer support at 1 877 276 7876 or FAX 1 800 572 TECH.

For the latest product selection and specification data, visit armstrongceilings.com/axiom.

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