MetalWorks™ Linear – Presto™

Assembly and Installation Instructions

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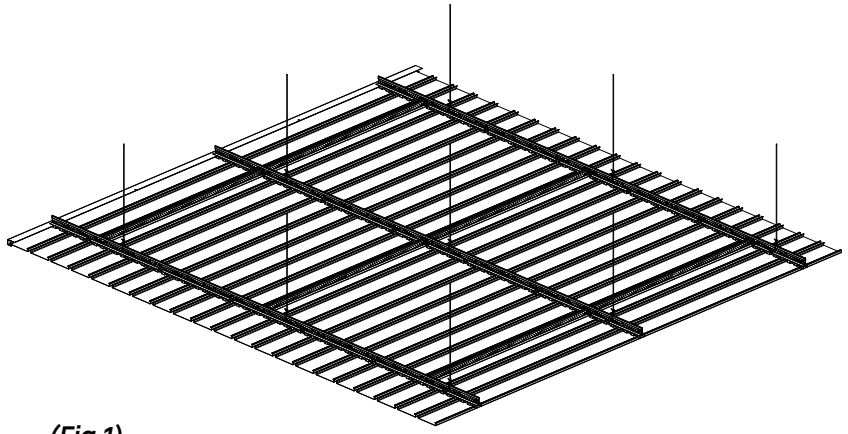
1. GENERAL

1.1. Product Description

MetalWorks™ Linear – Presto™ is a metal ceiling system featuring linear aluminum planks available in 8' and 12' lengths, with nominal widths of 4", 6", and 8". Each plank is constructed from 0.027" thick aluminum and designed with a 3/4" reveal between planks, allowing for easy removal and convenient access to the plenum.

The 3/4" reveal can be optionally covered with infill panels which also increases acoustic performance. Planks are offered in three standard finishes: White, Silver Grey, and Gun Metal.

The Main Beam Carrier (Item 7477), used to suspend the planks, is non-directional and includes hanging features at 2" increments. All plank width sizes can be installed on the same carrier system, offering both design and installation flexibility ***(Fig 1)***.



(Fig 1)

1.2. Storage and Handling

The ceiling planks should be stored in a dry interior location and should remain in cartons prior to installation to avoid damage. The crate should be stored in a flat, horizontal position. The planks should not be removed from the carton until the suspension system is installed. Proper care should be taken when handling the planks to avoid damage and soiling. It is recommended to hold the planks in the vertical orientation to avoid possibly bending the plank. White cotton or latex gloves are recommended for handling.

1.3. Site Conditions

Areas to receive ceilings must be free of construction dust and debris. MetalWorks Linear – Presto planks should only be installed in closed and acclimatized buildings. Planks are intended for interior use only and systems cannot be used where standing water is present or where moisture will come in direct contact with the ceiling.

1.4. Fire Performance

MetalWorks Linear – Presto planks may obstruct or skew the existing or planned fire sprinkler water distribution pattern or possibly delay the activation of the fire sprinkler or fire detection system. Designers and installers are advised to consult a fire production engineer, NFPA 13, and their local code officials for guidance on the proper installation techniques where fire detection or suppression systems are present.

1.5. Safety Considerations

This product arrives in a crate. Please plan for safe handling.

Edges of metal parts may be sharp. Handle carefully to avoid injury. Always wear safety glasses and cut-resistant gloves when handling or cutting metal.

When cutting planks, exposed raw edges of metal can be a safety hazard. Deburring/sanding might be required based on the quality of the cut for proper fit and safety. Cutting tools should be appropriate for aluminum when cutting the planks and appropriate for steel when cutting Main Beam Carrier. See cutting guidance in Section 5. Improper cutting equipment could damage or dent the metal planks.

1.6. Warranty

The MetalWorks™ Linear – Presto™ system has been tested based on the installation method described in this document. Warranty will be voided if you do not follow these instructions and guidelines.

1.7. HVAC Design and Operations & Temperature and Humidity Control

Proper design for both supply air and return air, maintenance of the HVAC filters, and building interior space are essential to minimize soiling. Before starting the HVAC system, make sure supply air is properly filtered, and the building interior is free of construction dust. Interior systems cannot be used where standing water is present or where moisture will come in direct contact with the ceiling.

1.8. Cleaning

Avoid using abrasive materials or harsh chemical detergents. A mild detergent diluted in warm water, applied with a soft cloth, rinsed, and wiped off with a chamois will maintain the planks in good condition.

2. DESIGN & INSTALLATION CONSIDERATION

2.1. Ceiling Plank Layout

The ceiling plank layout should have perimeter planks equal in width on opposite ends. These cut perimeter planks shouldn't be less than 50% of their original width. When the plank is less than 50% of the original width, divide the room dimension by the nominal width of the plank (4", 6", or 8"). Determine the remainder, add one full plank width, and divide by two to determine the width of the border plank.

Example: With 8" nominal plank width, with room dimension 10' 4".

Divide 10' 4" by 8" = 15 full sections with 4" remainder.

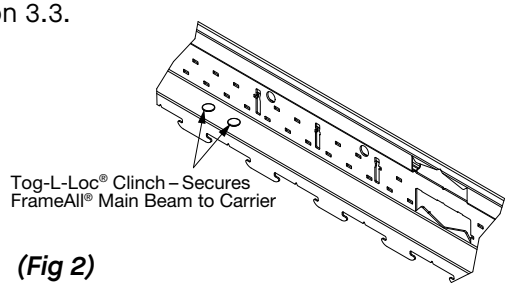
Add 4" + 8" = 12".

Divided by 2 = 6" border plank with 14 full rows of planks. This will create the best visual and installation.

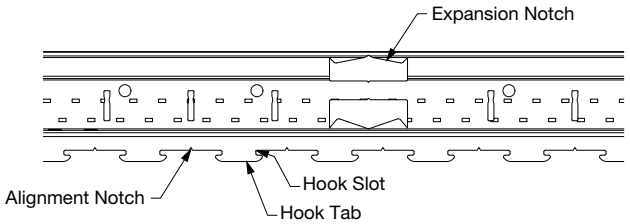
Planks varying in widths can be installed in the same ceiling to create a striated visual.

2.2. Suspension Carrier System

Following detail ***(Figs 2 & 3)*** highlights crucial features of the carrier that you need to be aware of and understand during installation in section 3.3.



(Fig 2)



(Fig 3)

The following chart shows how many hooks are spanned per panel:

Nominal Plank Size	Plank Actual Size	Number of Hooks Spanned per Panel
4" Plank	3.25"	2 Hooks
6" Plank	5.25"	3 Hooks
8" Plank	7.25"	4 Hooks

2.3. Plenum

MetalWorks™ Linear – Presto™ planks are installed from below, and require minimal clearance above the suspension system. The planks do not travel into the plenum space during installation or removal. However, when infill panels are used with the system, a minimum of 4" clearance within the plenum is necessary to allow proper installation of the lay-in panels.

NOTE: Light fixtures and air handling systems require more space and will usually determine the minimum plenum height for the installation.

2.4. Accessibility

MetalWorks Linear – Presto plank design allows access to the plenum. For additional details on accessibility refer to Section 6.

2.5. Exterior Applications

MetalWorks Linear – Presto has not been designed or tested for exterior applications. Planks are intended for interior applications only. Consider other Metalworks Linear products (MetalWorks™ Linear – Classic) for exterior applications.

2.6. Slope Applications

MetalWorks Linear – Presto has not been designed or tested for slope applications.

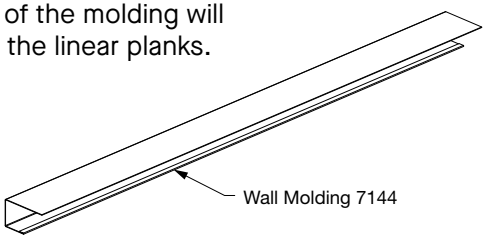
2.7. Curved, Facetted & Wall Applications

It is not recommended to install any MetalWorks Linear – Presto planks in a curved, faceted or wall application. Consider other MetalWorks Linear products (MetalWorks Linear – Classic) for faceted applications.

3. SUSPENSION SYSTEM INSTALLATION

3.1. Perimeter Molding

Install the carrier molding (Item 7144) on the perimeter walls as shown ***(Fig 4)***. Carrier molding features both a short and a long flange. When properly installed, the long flange should be positioned at the top, with the short flange at the bottom. Molding should be secured to the wall every 16" to 24". The bottom of the molding will be set to the finish height of the linear planks.

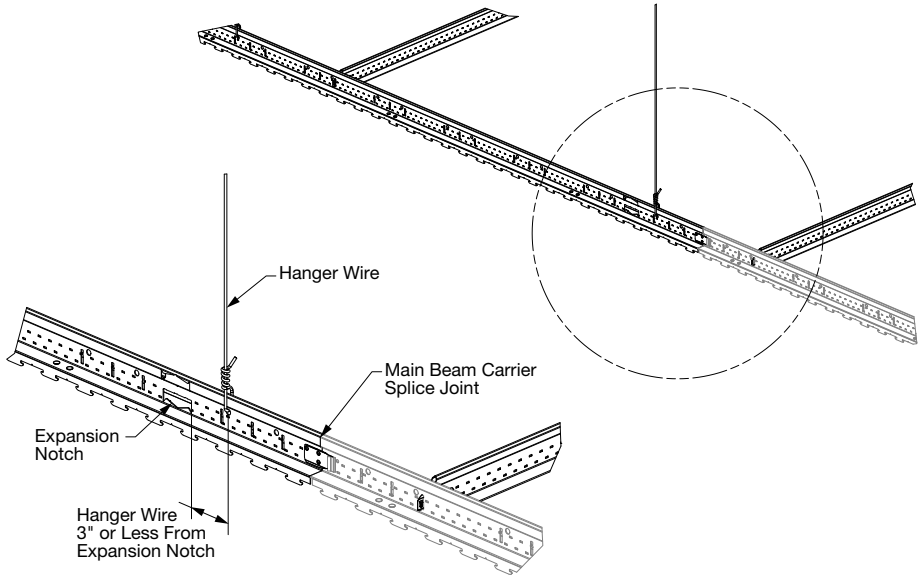


(Fig 4)

3.2. Hanger Wires

Secure hanger wires to the structure above to support the Main Beam Carrier. Wires spacing to the Main Beam Carriers should be within 24" of the perimeter wall and then 48" O.C.

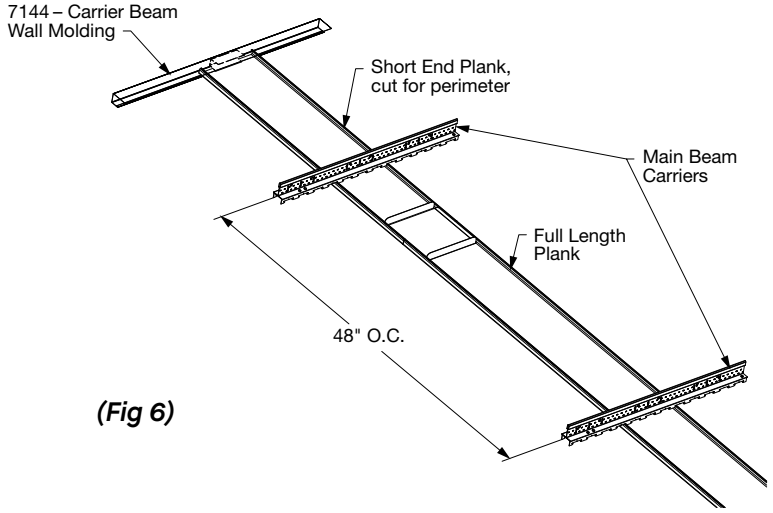
It is recommended to have hanger wires within 3" from the expansion notch found on the main beam ***(Fig 5)***.



(Fig 5)

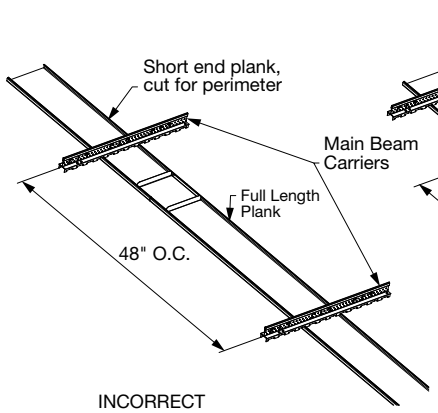
3.3. Main Beam Carriers

The Main Beam Carriers (Item 7477) will be installed 48" O.C. running perpendicular to the desired plank length direction. The first and last Main Beam Carrier must be installed within 24" of the perimeter wall ***(Fig 6)***.

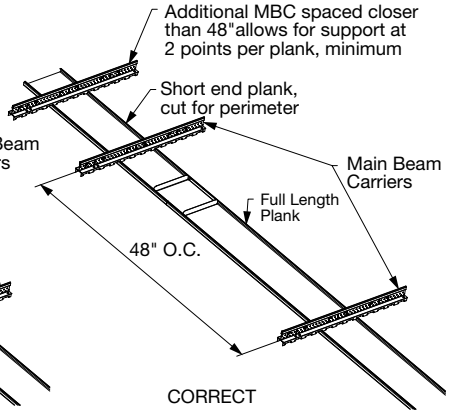


(Fig 6)

IMPORTANT NOTE: Each plank must be supported by at least two carriers. To ensure there is proper support, refer to the Reflective Ceiling Plan (RCP) to verify the plank layout. If needed, additional Main Beam Carriers should be added to meet the minimum requirement of two attachment points per plank ***(Figs 7 & 8)***.



(Fig 7)

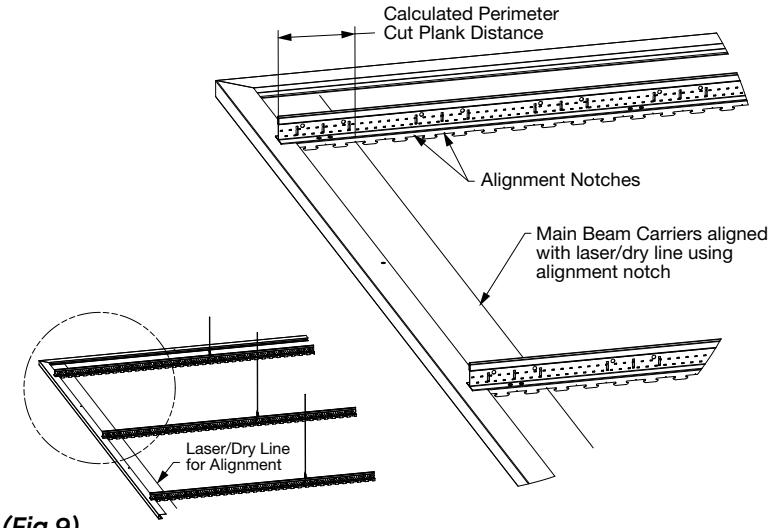


(Fig 8)

3.3.1 Squaring & Cutting the Main Beam Carrier

Stretch a dry line from one side of the room to the other at the bottom of the molding (dry line perpendicular to the carrier). The dry line should be out from the "end" wall by the calculated width of the first plank. Refer to Section 2.2 for width of border planks.

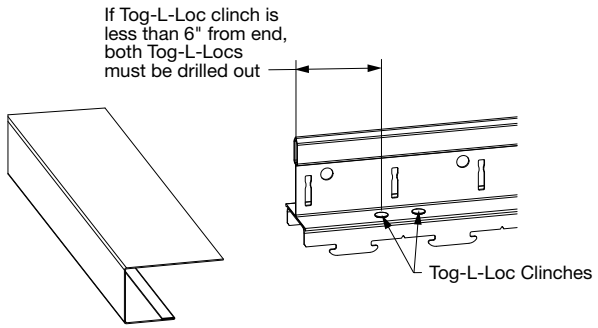
Measure from the dry line to the wall. Cut the first Main Beam Carrier in each row so the desired notch lines up with the string ***(Fig 9)***.



(Fig 9)

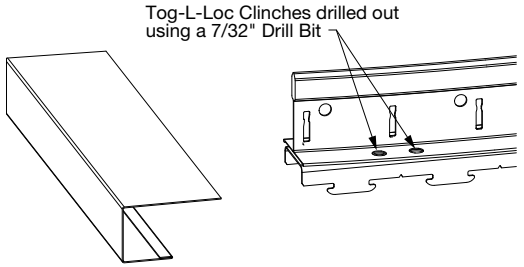
NOTE: The system can also be squared by measuring a 4' × 4' diagonal opening, as with installing a normal FrameAll® drywall grid ceiling.

When cutting the Main Beam Carrier (Item 7477), note that it features a Tog-L-Loc® clinch system, which secures the carrier components together ***(Fig 10)***.

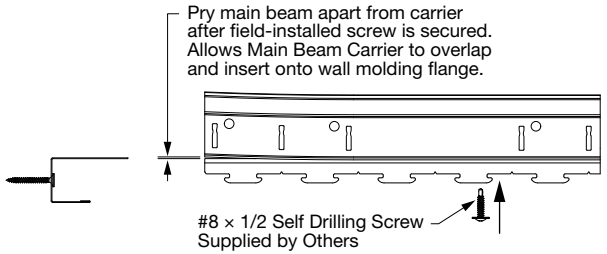


(Fig 10)

If the Tog-L-Loc clinch is located less than 3" from the end cut of main beam carrier, both clinches must be drilled out. Use a 1/4" drill bit to carefully drill through the Tog-L-Loc ***(Fig 11)***. Then, gently pry open the main beam carrier at the cut end. To maintain structural integrity, insert a screw to secure the two parts of the carrier. Position the screw so that it holds the pieces together without fully closing the slightly opened end ***(Fig 12)***.



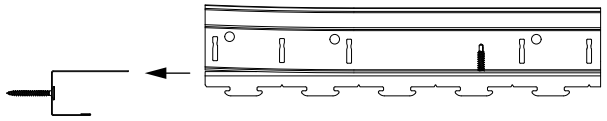
(Fig 11)



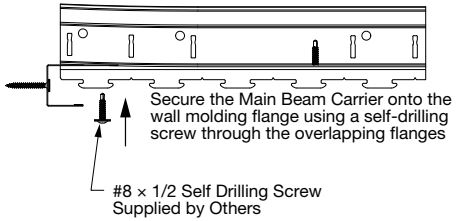
(Fig 12)

3.3.2 Main Beam Carrier Perimeter Attachment

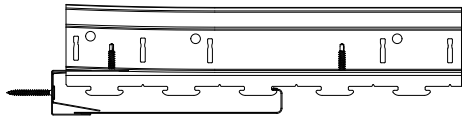
The top flange of the Carrier Molding will slide between the two components of the Main Beam Carriers. Once each Main Beam Carrier is properly aligned with the dry line, fasten them to the perimeter molding with a framing screw to the carrier molding ***(Figs 13 - 15)***.



(Fig 13)



(Fig 14)



(Fig 15)

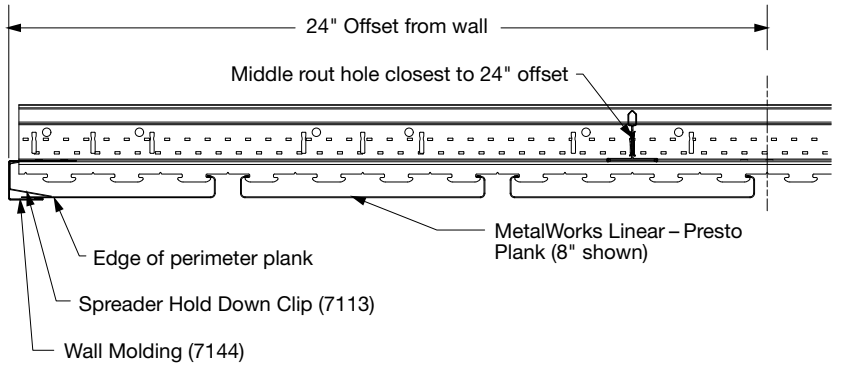
3.4. Drywall Cross Tee Installation (XL8945P)

Installation of cross tees will follow a 48" O.C. spacing, creating a 48" × 48" grid module across the ceiling. If possible, position the first cross tee close to a hanger wire.

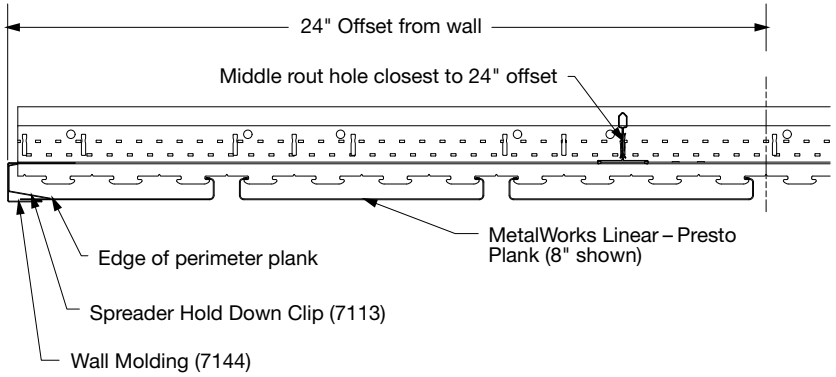
3.4.1. Concealing Cross Tees Guidelines

Due to the 3/4" spacing between planks, there will be visibility into the plenum. To hide cross tees and maintain a clean appearance from below, it's critical that the first row of cross tees is hidden behind full planks.

Install the first cross tee within 24" of the wall. Refer to the Reflective Ceiling Plan (RCP) as needed and select the rout hole that aligns behind the location of a full plank. This rout hole may be a standard rout hole or the offset (F) rout hole ***(Fig 16 & 17)***.



(Fig 16)



(Fig 17)

After positioning the first cross tee correctly, continue installing the remaining cross tees at 48" O.C. to complete the grid layout. As long as the first cross tee is placed behind a full plank, all subsequent cross tees will also align behind planks throughout the installation, as long as the 48" O.C. spacing is maintained.

IMPORTANT NOTE: When using mixed plank widths, pay close attention to tee placement to avoid positioning tees between plank reveals. This is especially important when combining 6" planks with other sizes. While tee spacing may need slight adjustments, never exceed 48" O.C. spacing.

3.4.2. Grid Layout for Infill Panels

For installations calling for infill panels, the 4' drywall cross tees (XL8945P) will follow a 24" O.C. spacing across the room, creating a 2' × 4' grid module. Refer to Section 4.10 for infill panel recommendations.

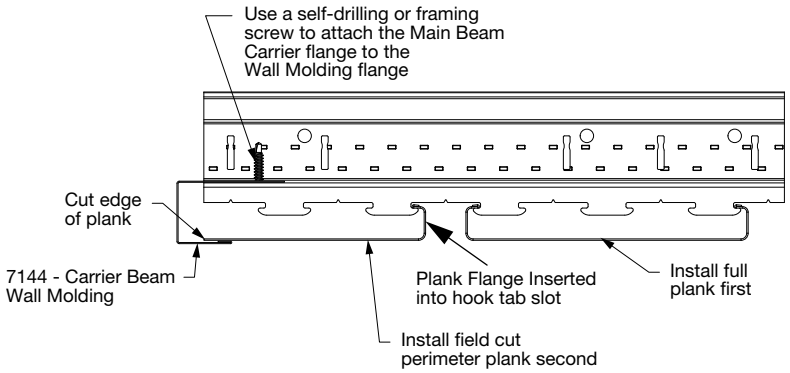
4. PLANK INSTALLATION

4.1. Starting Perimeter Row

To determine the cut width of the first plank, measure from wall to the dry line in several places. Then subtract 1/2" for your cut panel dimension. This adjustment should provide a 1/8" clearance from the wall.

NOTE: The last perimeter plank should be cut in a similar manner, allowing 1/8" clearance from wall.

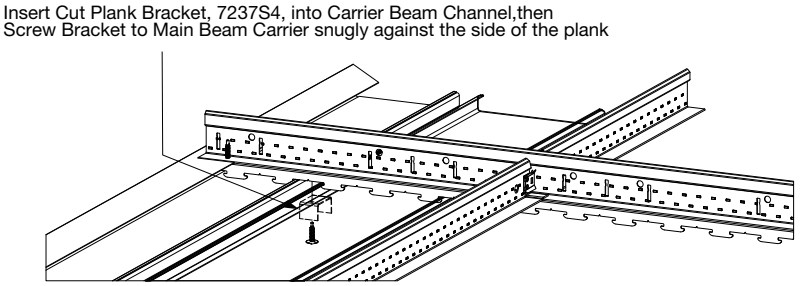
Install first row of full planks. Planks must be installed as described in Section 4.2. before installing cut perimeter plank. Mark the plank and cut it to width. Either side of the plank can be cut off; the planks are non-directional. Refer to Section 5.0 for cutting tools and recommendations. Slide the edge of the cut plank into the perimeter carrier molding. The opposite factory edge of the plank will engage the hook tab ***(Fig 18)***. Use of a spring clamp is recommended to keep the cut plank in place. Plank is not secured until Cut Plank Bracket is installed.



(Fig 18)

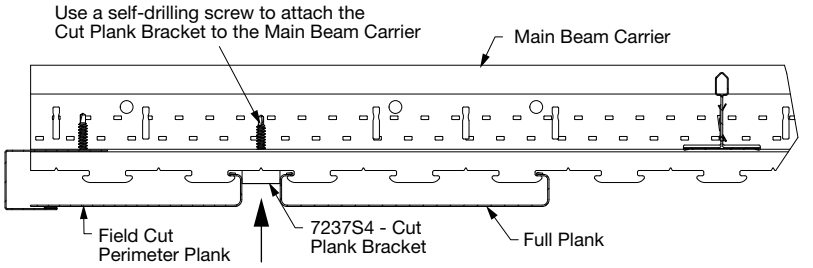
4.1.1. Cut Plank Bracket

The MetalWorks™ Linear – Presto™ Cut Plank Bracket (Item BP7237S4) must be used to secure perimeter planks to the carrier system when one of the plank's factory engagement edges has been removed. The function of the clip is to keep the remaining factory edge of a cut plank engaged with the carrier, while the cut edge is supported by the carrier molding. The Cut Plank Bracket along with Spreader Hold Down Clip (refer to Section 4.1.2) is intended to replace the use of visible pop rivets into the bottom flange of the carrier molding. Place the Cut Plank Bracket under the carrier as shown ***(Fig 19)***.



(Fig 19)

Fasten the Cut Plank Bracket to the carrier with one #7 × 7/16" black pan-head self-drilling framing screw through the bottom of the carrier, using the pre-drill hole on the Cut Panel Bracket. Fasten a Cut Plank Bracket as described in Step 2 at every point where a carrier meets a Cut Perimeter Plank ***(Fig 20)***.

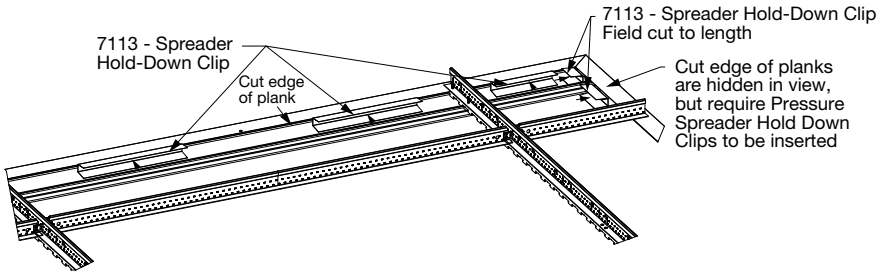


(Fig 20)

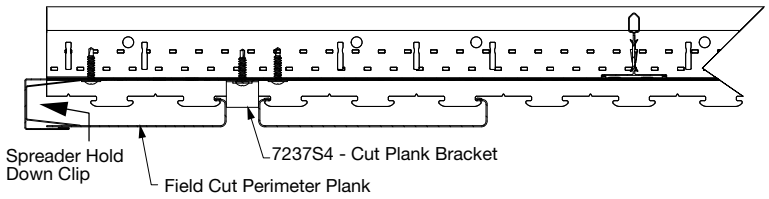
NOTE: Once the Cut Plank Bracket is installed, the perimeter and second row of full planks will not be accessible. The bracket locks both planks in place and prevents the flange from disengaging from the Main Beam Carrier.

4.1.2. Securing Cut Edge to Carrier Molding

To secure the long edge of a plank to the carrier molding, use Spreader Hold-down Clips (Item 7113). These clips should be installed at consistent intervals—typically every 24", or as needed. For the short ends of the planks, use field-cut pieces of Spreader Hold-down Clip, trimmed at least a 1/2" shorter than the plank actual width ***(Figs 21 & 22)***.

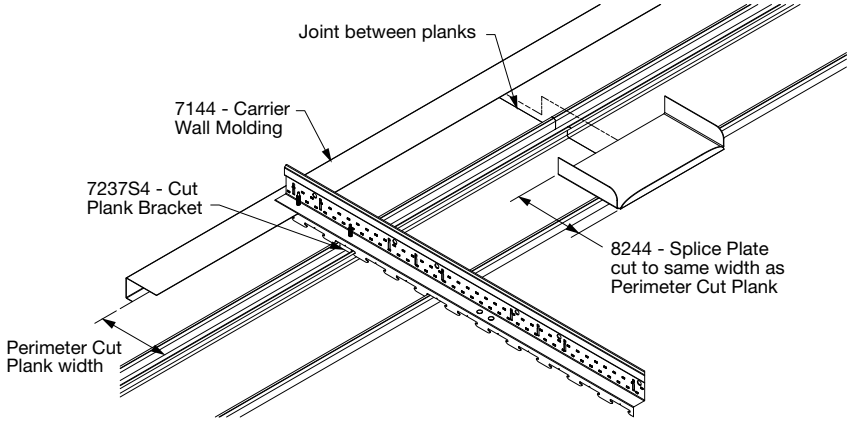


(Fig 21)

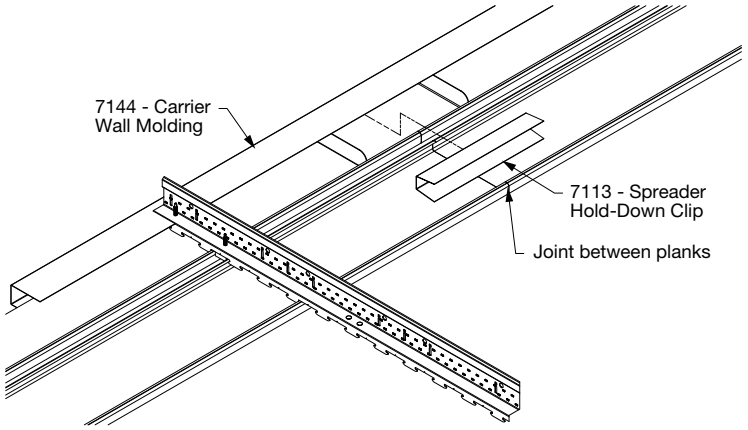


(Fig 22)

At each cut plank splice location, a splice plate is required. The splice plate must be cut to fit, and both the cut plank and the cut splice plate should be secured using a Spreader Hold Down Clip ***(Figs 23 & 24)***.



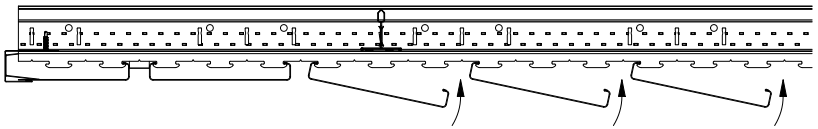
(Fig 23)



(Fig 24)

4.2. Field Plank Installation

Install the third row of planks by inserting one of the plank flanges in the hook on the carrier and swing the other flange up while pushing upwards, until you hear an audible **click**, signaling the plank snapping in place in the carrier. Repeat these steps to continue installing rows of planks across the space ***(Fig 25)***.



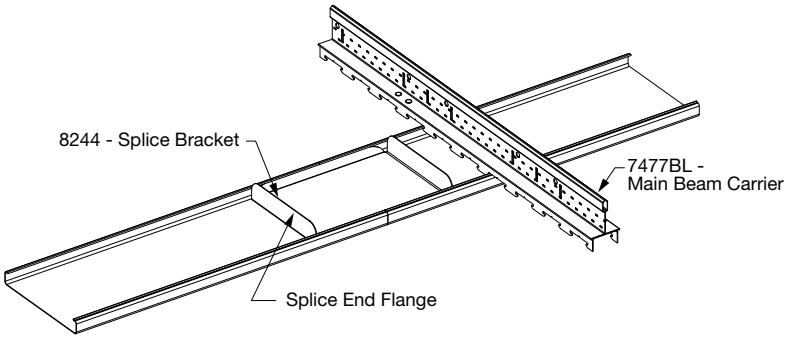
(Fig 25)

When you get near the opposite side of the ceiling, before completing the installation, make sure to stop about 3' before the end of the ceiling and install the last perimeter plank as detailed in Section 4.6.

4.2.1. Plank Splices

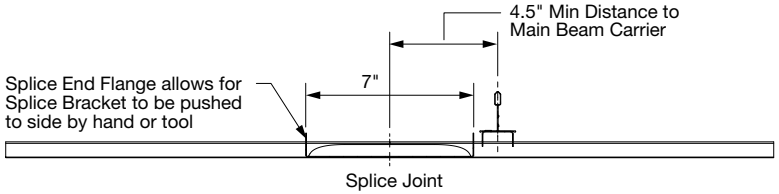
When a single plank isn't long enough to span the room, use a splice plate to join and align adjacent planks. Position the factory-cut ends at the splice point to ensure a tight, clean joint.

To install: Slide the splice plate into the end of the first installed plank. Install the adjacent plank. Then, slide the splice plate so it's centered between both planks ***(Fig 26)***. The vertical flange on the splice plate helps with alignment and makes sliding it into place easier.



(Fig 26)

Important: Splice joints should fall between carriers, no more than 4-1/2" away. Never place a splice directly under a carrier ***(Fig 27)***. Avoid staggering plank splices less than 12". For best visual results, no less than 24" stagger is recommended.



(Fig 27)

4.3. Last Perimeter Rows

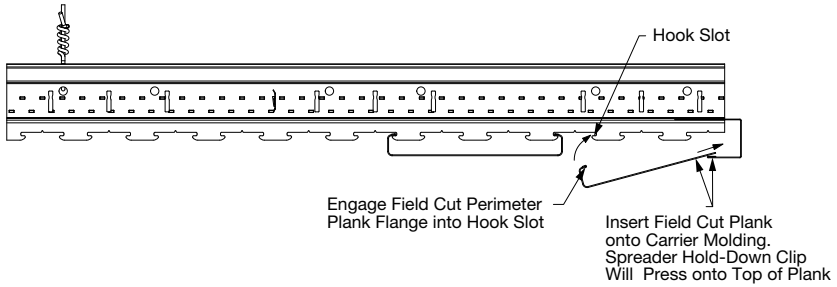
As you approach the last perimeter row, stop about 3' before reaching the cut planks. Leaving these final rows of full planks uninstalled provides enough space to install the Spreader Hold Down Clip (Item 7113), as described in Section 4.3.1.

Cut the final perimeter planks to size. Their width should match the first perimeter row, but always double-check measurements before cutting. Refer to Section 5.0 for cutting tools and recommendations.

4.3.1 Last Cut Plank

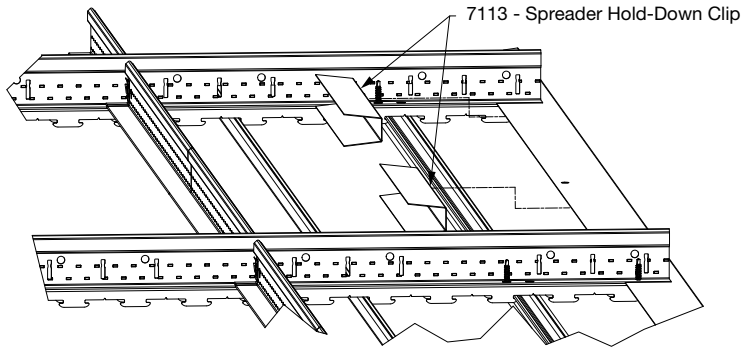
Install the last full-size plank, before the cut perimeter plank.

Mark the plank and cut it to width. Slide the edge of the cut plank into the perimeter carrier molding. The opposite factory edge of the plank will engage onto the hook tab. Take caution to secure the plank until Cut Plank Bracket is installed ***(Fig 28)***.



(Fig 28)

Insert Spreader Hold Down Clip (Item 7113) into the Carrier Molding (Item 7144), 24" O.C. Spreader Hold Down Clips can also be installed after Section 4.3.2 (Cut Panel Bracket) following the same steps as described in first perimeter row, Section 4.1 ***(Fig 29)***.



(Fig 29)

In splice locations, be sure to add a field cut splice, same size as perimeter plank. Once splice is in place, insert the Spreader Hold Down Clip to secure both the plank and splice plate in place as described in Section 4.1.2.

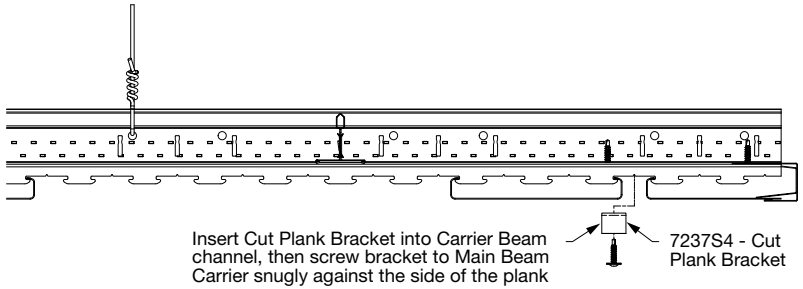
4.3.2 Cut Plank Bracket Installation

To secure the cut plank to the carrier system using the Cut Plank Bracket (Item 7237S4), follow the following steps:

Place the Cut Plank Bracket under the carrier.

Fasten the Cut Plank Bracket to the carrier with one #7 × 7/16" black pan-head self-drilling framing screw through the bottom of the carrier, using the pre-drill hole on the Cut Panel Bracket.

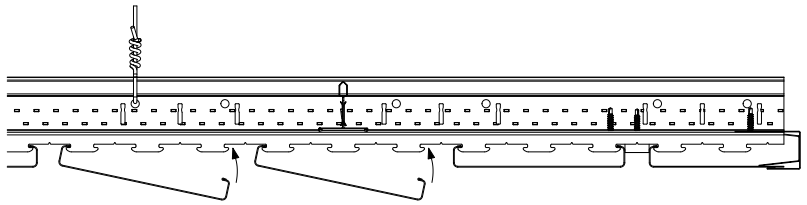
Fasten a Cut Plank Bracket as described in Step 2 at every point where a carrier meets a cut perimeter plank ***(Fig 30)***.



(Fig 30)

4.3.3. Second and Third Last Full Plank Row

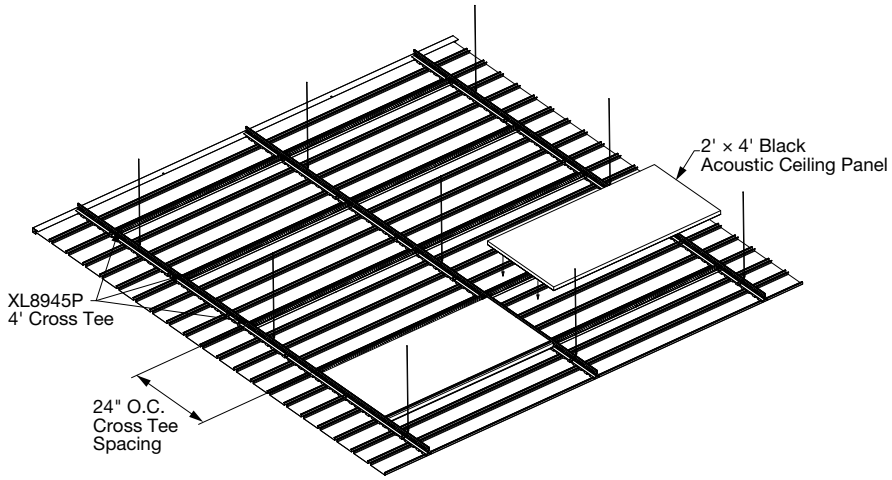
Once the cut panel clips and spreader hold downs are installed, proceed to install the remaining rows of field planks ***(Fig 31)***.



(Fig 31)

4.4. Acoustical Infill Panels

Acoustical infill panels are available to improve the system's acoustical performance and to conceal the plenum from view. For installations requiring acoustical infill panels, it is recommended to create a 2' × 4' grid module and use 2' × 4' Calla® or Lyra® panels in black ***(Fig 32)***. It is recommended to install infill panels progressively with the planks.



(Fig 32)

5. FIELD CUTTING INSTRUCTIONS

Use the following tools to make cuts in the field:

Circular Saw
Recommend using a cordless metal cutting circular saw with a non-ferrous carbide blade, the more teeth the better.

NOTE: Cuts are best achieved with the plank face up and when started at the corner of the plank.

Band Saw
Use a metal cutting blade, the more teeth the better.

Nibbler
For rip cuts. Use a nibbler such as Hilti® SPN 6-A22 or equal.

Tin Snips
Not recommended for panels, but can be used for cutting suspension components.

Hole Saw
For use in can light or sprinkler locations.

5.1. Safety

CAUTION: Cut edges of metal parts can be extremely sharp. Handle metal carefully to avoid injury. Always wear safety glasses, a safety shield, and gloves when working with metal.

Make sure plank is supported on a clean surface when making cuts to minimize the risk of blemishes or scratches. Make sure plank is properly held down with clamps to minimize movement while cutting. It may be necessary to debur the edge for proper fit and safety if a clean cut Is not achieved.

When cutting out opening in the center of the planks, exercise caution during the procedure as the hand will be near the cut edge of the plank. This procedure can be followed for cutting in can lights.

6. ACCESS

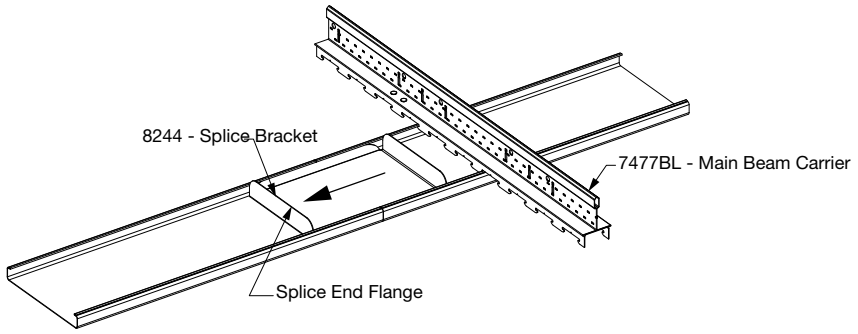
The MetalWorks™ Linear – Presto™ system is designed to allow access to the plenum. Individual ceiling planks can be quickly and safely disengaged from the Main Beam Carrier without the need for special tools.

6.1 Plank Removal Steps

Locate the specific plank or section that needs to be removed. Each row of planks is connected to adjacent planks using splice plates.

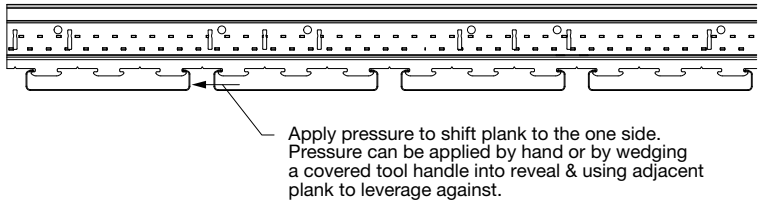
Find the splice plate at one end of the plank.

Reach between the plank reveals and grip the upper flange of the splice plate. Slide the splice plate away from the joint toward the adjacent plank ***(Fig 33)***.



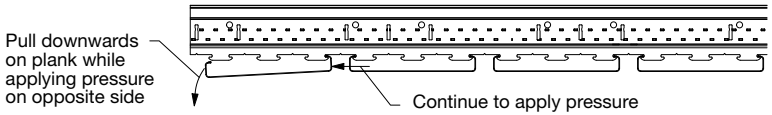
(Fig 33)

Repeat at the opposite end to fully disengage the plank. While supporting the plank, use a rubber-coated handle of a tool (such as pliers) to gently press inward on one side of the plank ***(Fig 34)***.



(Fig 34)

NOTE: Use caution not to damage the sides of the plank by applying too much pressure. This inward pressure will allow the opposite edge to release from the carrier, so while maintaining this gentle pressure, pull downward on opposite side to fully release from carrier ***(Fig 35)***.

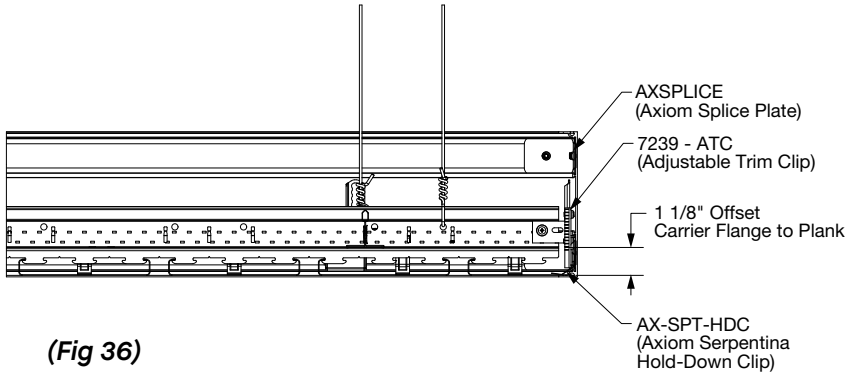


(Fig 35)

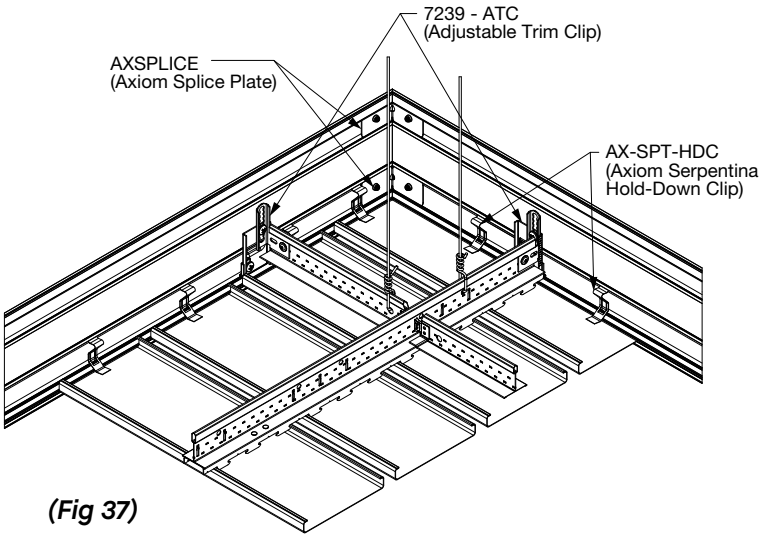
Tip: If the splice plate is difficult to remove, disengage the plank from carriers on either side of the splice plates. Use both hands to prevent the plank from falling or shifting. Once disengaged, gently lower the plank and place it in a safe location to avoid damage. With the plank removed, you now have clear access for inspection, maintenance, or installation. To re-install the plank, align the plank with the carrier and press up, until you hear an audible **click**, signaling the plank snapping in place in the carrier. Ensure both splice plates are reinstalled to secure the ends.

7. FLOATING TRIM/DISCONTINOUS CEILINGS

For cloud or discontinuous installations, the MetalWorks™ Linear – Presto™ system can be capped with Axiom® trim. The offset from the plank face to the main carrier flange is 1-1/8" ***(Fig 36)***. To accommodate this drop and rest cut planks on the Axiom® trim flange the Adjustable Trim Clip (Item 7239) must be used ***(Fig 37)***. This clip takes the place of AXTBC clips but can adjust to within 1/8" increments to hold the trim at different heights relative to the carrier flange.



(Fig 36)



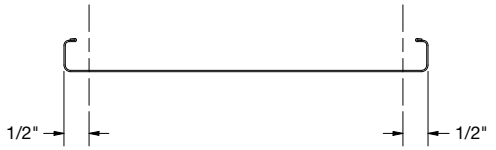
(Fig 37)

8. MEP INTEGRATION

Penetrations through the linear planks for MEP integration should be made using standard metalworking tools, as outlined in Section 5.0. Hole saws are effective for sprinkler installations, while tin snips are suitable for creating larger openings. All penetrations must be finished with escutcheons to conceal the cut edges of the planks and maintain a clean appearance.

Metal planks are not designed to support the weight of ceiling-mounted hardware. Such fixtures must be supported by Main Beam Carriers or directly from the overhead structure. To maintain plank integrity, all cuts should be made at least 1/2" away from the plank edge, preventing damage to the upper flange ***(Fig 38)***.

(Fig 38)

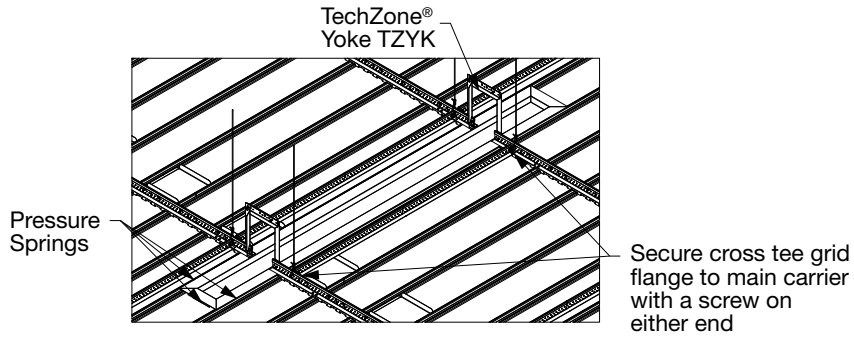


8.1. Light Fixtures

Openings for all light fixtures must account for the fixture's full dimensions – including trim – to ensure the cut does not exceed the recommended maximum of 1/2" from the plank edge. For the best aesthetics and ease of installation, downlights or pendant-style light fixtures are recommended for use with this system.

8.2. Linear Light Fixtures

If project requires a linear fixture, openings for linear fixtures can be framed using Carrier Molding (Item 7144), secured with Pressure Springs (Item 8161), Spreader Hold Down Clips (Item 7113), or pop rivets. When installed, the molding's 1" leg faces downward, while the 1-1/2" leg faces upward. Depending on fixture size, the upper leg may require trimming to prevent it from extending past the reveal and becoming visible from below ***(Fig 39)***.



(Fig 39)

9. SEISMIC INSTALLATION (IBC C, D, E & F)

MetalWorks™ Linear – Presto™ has been engineered and tested for applications in all seismic areas based on the following installation procedures. The following installation guidelines should be used in areas where anticipated seismic activity will be moderate to severe (IBC Seismic Design Categories C, D, E, and F). Consult local building codes to ensure compliance with their unique requirements.

9.1. Seismic Suspension System

The following requirements are in addition to the installation instructions listed in this guide, ASTM E580, and the Armstrong Seismic Ceiling Installation Guide requirement for a ceiling system. Layout of the grid system is the same regardless of the linear plank selected. MetalWorks Linear – Presto has only been tested for a flat installation in IBC Seismic Categories (C, D, E, and F).

9.2. Seismic Components

12' Main Beam Carrier (Item 7477)

4' FrameAll® Drywall Grid Cross Tees (Item XL8945P)

BERC2 Clip (Item BERC2)

7/8" Wall Angle Molding (Item 7800)

Carrier Molding (Item 7144)

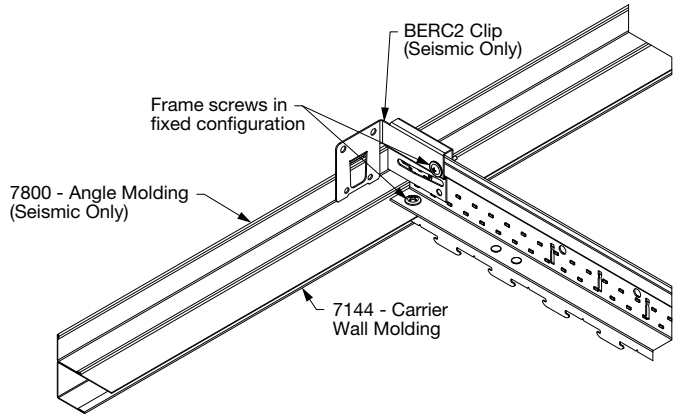
Spreader Hold Down Clip (Item 7113)

Cut Plank Bracket (Item 7237S4)

Splice Plate (refer to data page for corresponding splice plate item number)

Suspension System General Requirements for Seismic Category D, E & F.

Install Angle Molding (Item 7800) on top of Carrier Molding (Item 7144) ***(Fig 40)***.



(Fig 40)

Main Beam Carrier must be installed 48" O.C., perpendicular to the desired plank length direction.

The first and last Main Beam Carrier must be installed within 24" of the perimeter wall. Install 4' FrameAll Drywall Grid Cross Tee (Item XL8945P) at 48" on center (O.C.), ensuring the first tee is placed no more than 24" from the wall.

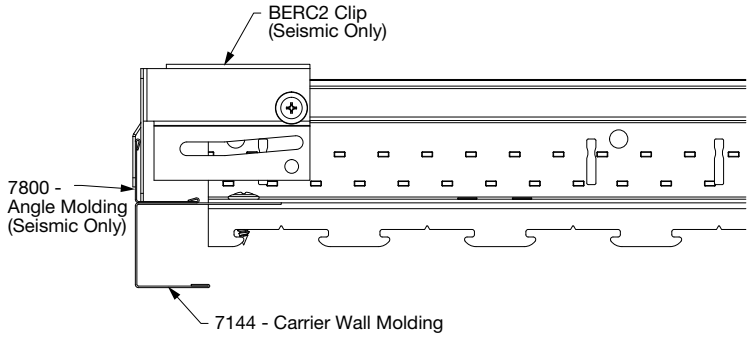
The 3/4" reveal between planks provides visibility into the plenum and may expose the cross tee if it's not positioned correctly at the start of installation.

To ensure the cross tees remain hidden, begin by placing the first tee so it aligns behind a plank. When installed at 48" O.C. across the room from that point, each subsequent tee will also fall behind a plank, keeping them out of view.

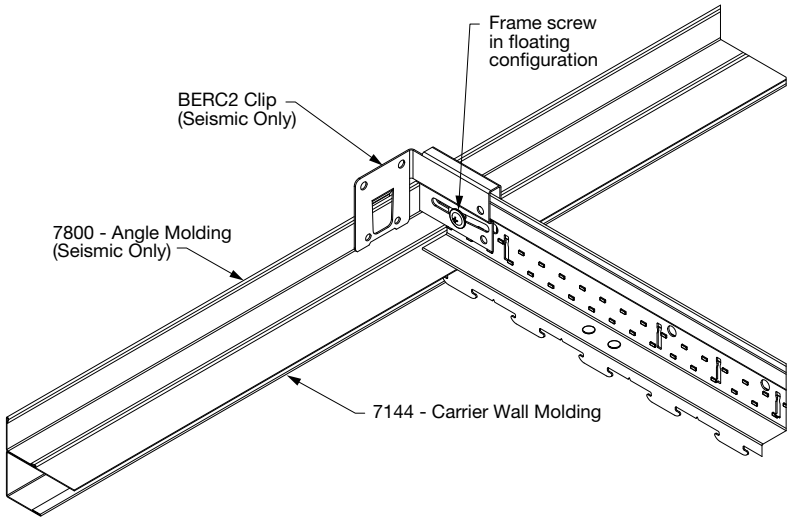
For more details, refer to Section 3.4.1.

Install BERC2 Clips over all grid connections to the wall. Two screws are required to fasten the BERC2 Clip to the wall.

Main Beam Carrier and Cross tee must be mechanically attached to the molding on two adjacent walls ***(Figs 41 & 42)***.

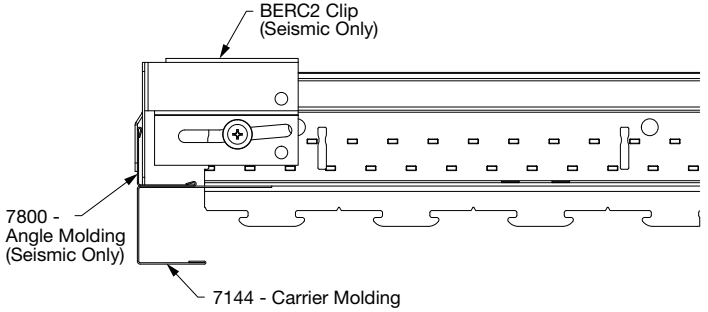


(Fig 41)

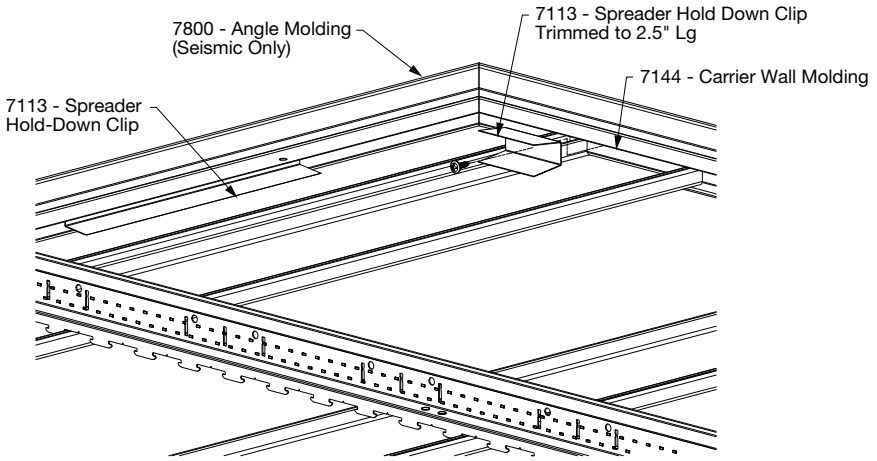


(Fig 42)

The opposite unattached walls must have 3/4" clearance in D, E & F Seismic Category ***(Figs 43 & 44)***.



(Fig 43)



(Fig 44)

Perimeter wires must be installed to support all Main Beam Carriers and Cross Tees within 8" of the wall.

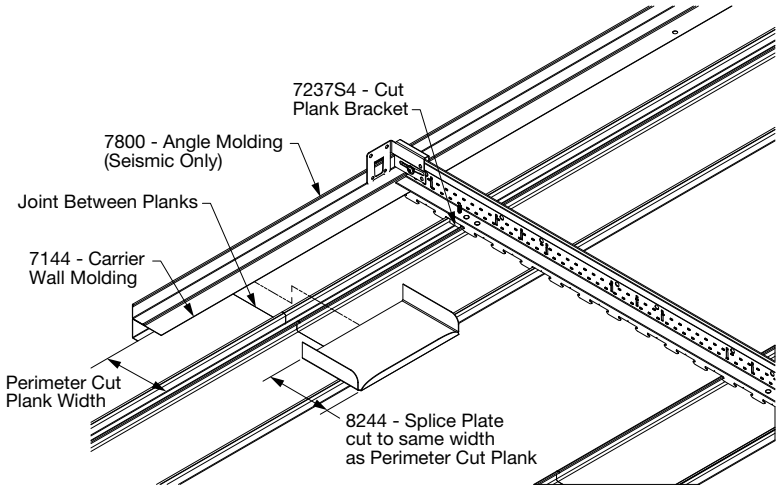
All continuous ceilings over 1,000 SF will require compression posts per ASTM E580.

9.3. Seismic Linear Plank

In addition to the general installation steps outlined in Sections 3.0 and 4.0 of this guide, please follow these specific instructions for MetalWorks™ Linear – Presto™ planks:

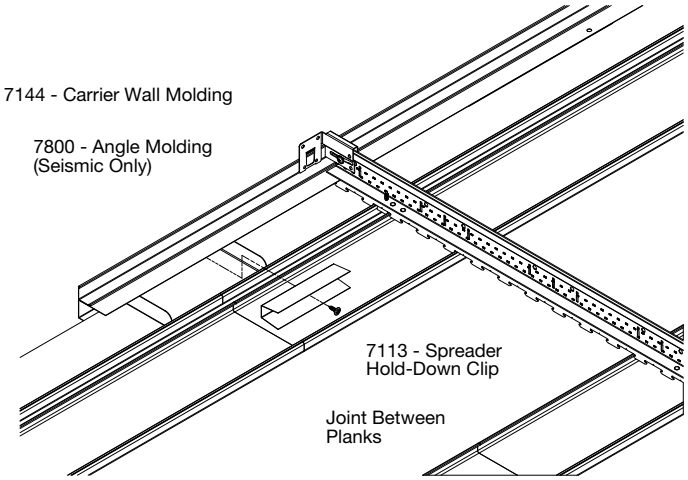
9.4. Spreader Hold Down Installation

All Spreader Hold Down Clips (Item 7113) must be screw-attached along the full length of cut planks and at the short ends ***(Fig 45)***.

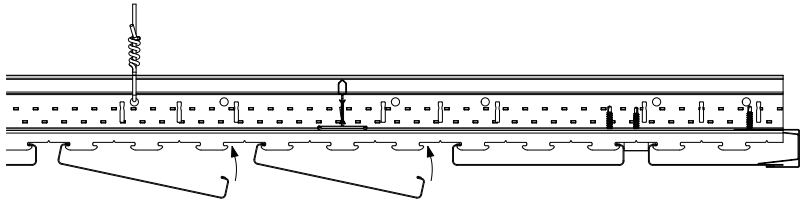


(Fig 45)

At splice locations at the perimeter, install the splice first, then position the spreader hold down (Item 7113), and secure it with screws ***(Figs 46 & 47)***.



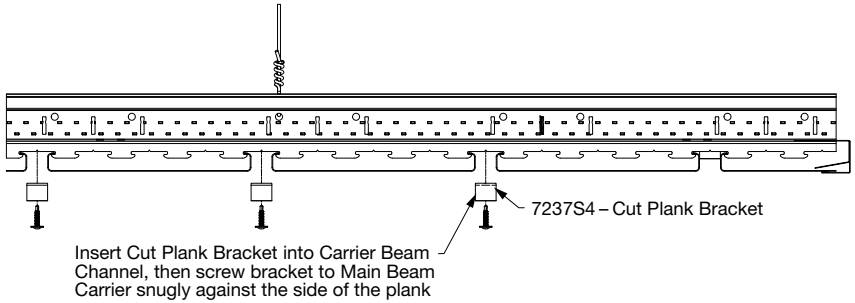
(Fig 46)



(Fig 47)

9.5. Special Requirements for 8" Wide Planks

For installations using 8" wide planks, Cut Plank Brackets must be installed at every plank reveal on all carriers throughout the entire ceiling installation ***(Fig 48)***.



(Fig 48)

Seismic testing conducted at the Structural Engineering Earthquake Simulation Laboratory, located at the State University of New York – Buffalo campus, produced satisfactory results with the guidelines listed in Section 9.

METALWORKS LINEAR PRESTO					
Item No.	**Description**	**Required for Install**	**Order Separately**	**Sold By the**	**Pcs/Ctn**
8224W4M1L08_ _ _	4 × 96 × 3/4" Unperforated MetalWorks™ Linear – Presto™	Based on Design	X	Pc	BULK
8224W6M1L08_ _ _	6 × 96 × 3/4" Unperforated MetalWorks Linear – Presto	Based on Design	X	Pc	BULK
8224W8M1L08_ _ _	8 × 96 × 3/4" Unperforated MetalWorks Linear – Presto	Based on Design	X	Pc	BULK
8224W4M1L12_ _ _	4 × 144 × 3/4" Unperforated MetalWorks Linear – Presto	Based on Design	X	Pc	BULK
8224W6M1L12_ _ _	6 × 144 × 3/4" Unperforated MetalWorks Linear – Presto	Based on Design	X	Pc	BULK
8224W8M1L12 _ _ _	8 × 144 × 3/4" Unperforated MetalWorks Linear – Presto	Based on Design	X	Pc	BULK
SUSPENSION SYSTEM & ACCESSORIES					
Suspension System					
7477BL	12' Main Beam Carrier - Painted Black	Yes	Yes	Ctn	20
XL8945P	4' FrameAll® Drywall Cross Tee	Based on Design	Yes	Ctn	60
7891	12-gauge Hanger Wire	Yes	Yes	Bundle	-
Perimeter Trim					
7144_ _	10' Carrier Molding	Based on Design	Yes	Ctn	10
7800	Angle Molding (Seismic)	Based on Design	Yes	Ctn	30
AX6VESTR	Axiom® Vector® Trim – 6" Straight	Based on Design	Yes	Pc	10LF
AX6VECUR	Axiom Vector Trim – 6" Curved	Based on Design	Yes	Pc	10LF
AX6STR	Axiom® Classic Trim – 6" Straight	Based on Design	Yes	Pc	10LF
AX6CUR	Axiom Classic Trim – 6" Curved	Based on Design	Yes	Pc	10LF
Panel Accessories					
8244W4	4" Panel Splice	Based on Design	Yes	Ctn	10
8244W6	6" Panel Splice	Based on Design	Yes	Ctn	10
8244W8	8" Panel Splice	Based on Design	Yes	Ctn	10
Other Accessories					
7239	Adjustable Trim Clip	Based on Design	Yes	Ctn	50
BERC2	Beam End Retaining Clip	Based on Design	Yes	Ctn	250
7237S4	Cut Plank Support Bracket	Yes/Based on Design	Yes	Ctn	25
7113	Spreader Hold Down Clip	Yes/Based on Design	Yes	Ctn	40
AXSPTHDC	Hold Down Clip for Cut Panel (Axiom)	Yes/Based on Design	Yes	Ctn	10
Infill Panels					
2821BK	24" × 48" Black Calla® Square Lay-in Panel	Based on Design	Yes	Ctn	10
1319	24" × 48" Backstage Noir® Square Lay-in Panel	Based on Design	Yes	Ctn	6

MORE INFORMATION

For more information, or for an Armstrong Ceilings representative, call 877 276-7876.
For complete technical information, detail drawings, CAD design assistance, installation information, and many other technical services, call TechLine customer support at 877 276-7876.

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