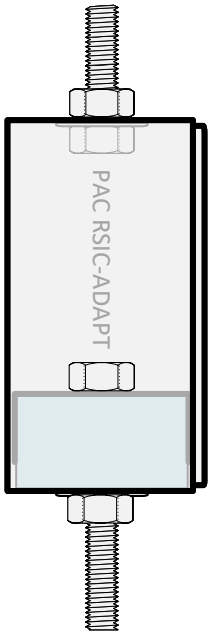
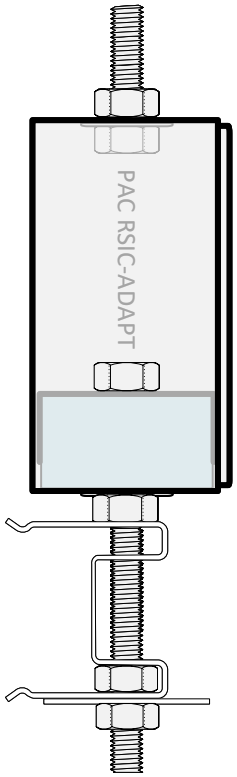
RSIC-ADAPT

Top Mount For Concrete and Metal Deck

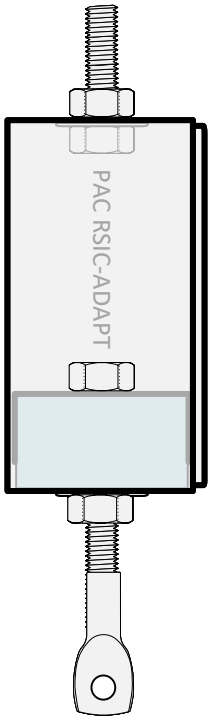
ADAPT-TB



ADAPT-TC



ADAPT-TW



SHIPPED FULLY ASSEMBLED

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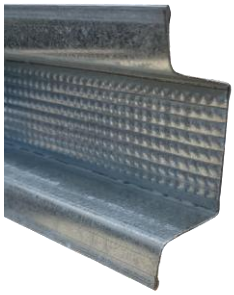
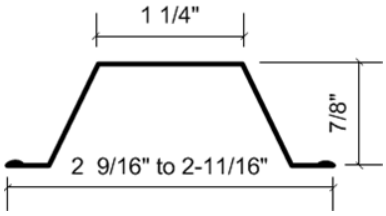
RSIC-ADAPT SIDE MOUNT INSTALLATION GUIDE

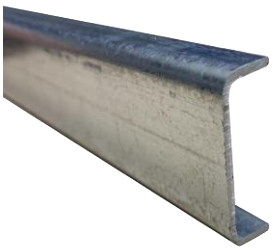




Drywall Furring Channel:

- **Furring Channel:** 20 gauge standard. Meets or exceeds SSMA requirements.
- **Depth:** 7/8 inch
- **Width Bottom:** 2-9/16” to 2-11/16” inch wide nominal.
- **Width Top:** 1-1/4 inch wide

Splice drywall furring channel (hat track) with 6 inch overlap in mid span (between two clips) secure with 18 ga tie wire, or two 7/16” framing screws.



Carrier Channel Options:

- **48” spacing 16 Gauge Cold Rolled Channel (CRC)** Dim: 1/2” x 1.5” x 1/2” SSMA code: 150U050-54
- CRC and Steel Studs must meet or exceed SSMA standards

1"

1-1/2"

9/16"

Fasteners:

- **RSIC-ADAPT Top Mount:** Use 3/8" Drop in or Mini drop in inserts.
- **1.5” x 16 Gauge Cold Rolled Channel (CRC) 1/2” x 1.5”** Use min 9/16” self drilling framing screws to fasten the 1.5” CRC channel RSIC-ADAPT
- CRC and Steel Studs must meet or exceed SSMA standards

RSIC-ADAPT Isolator

- **Maximum Spacing:** 48” oc. with Cold Rolled Channel
- **Deflection up to 2.5 mm below preset height when fully loaded.**

80 Lb

120 Lb

160 Lb

- **LT Blue (260) up to 80 Lbs**
- **Blue (400) up to 120 Lbs**
- **DK Blue (650) up to 160 Lbs**

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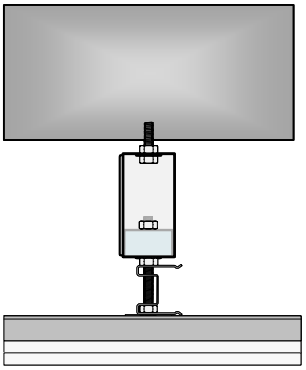
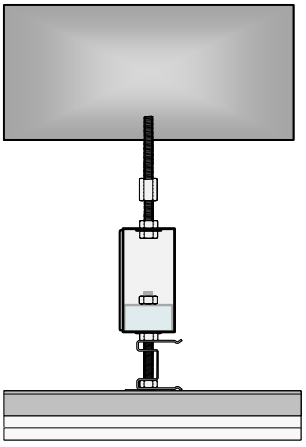
RSIC-ADAPT TOP MOUNT INSTALLATION GUIDE

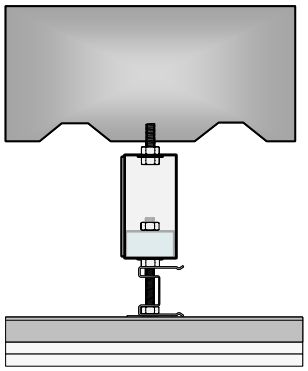
Concrete



Concrete Dropped



Metal Deck



<u>Ceilings: RSIC-ADAPT clips installed 48” oc</u>

- Resilient Sound Isolation Clips (RSIC-ADAPT) shall be max 48 inches on center .
- Verify max spacing and load cavity of other items. IE: CRC channel, hat channel, Drywall Grid. Use SSMA, SFIA, or other manufacturer span data.
- Layout the RSIC-ADAPT clips according to general guidelines represented in this installation manual.
- Carefully remove RSIC-ADAPT pre-assembled isolators from packaging.
- Verify the correct quantity of each RSIC-ADAPT isolators are included in the shipment.
- Layout the RSIC-ADAPT clips out on the floor (reflecting the ceiling above) Ensure there are no additional items required to complete the installation, IE: Additional blocking to support the RSIC-ADAPT clips, or additional CRC channel to support the drywall furring channel.
- Threaded rod is 3/8x16 threaded rod, Use dro pin or mini drop in anchor for concrete installations
- Fasten the Resilient Sound Isolation Clip (RSIC-ADAPT) to the structure with fasteners approved for a minimum pull-out and shear of 3 times the rated load. Allowing for up to 2.5mm deflection after the gypsum board has been installed.
- Using a laser level, or tape measure set the height for all of the RSIC-ADAPT brackets at the same height.
- At the perimeter, the distance between the wall and first support for the drywall shall be less than 8”
- Snap the 16 Ga cold rolled channel to the RSIC-ADAPT EZ clip. This is a temporary connection to speed up installation.
- Screw the RSIC-ADAPT EZ clip to the CRC channel with 9/16” min screws to make a permanent connection.
- Wire tie the drywall furring channel to the cold rolled channel @ 24” oc., 16” oc., or as needed to support the weight of the ceiling system. (Typical: 24” oc for 1 or 2 layers of gyp board, 16” oc for 3 layers of gyp board)

80 Lb

120 Lb

160 Lb

- **LT Blue (260) up to 80 Lbs**
- **Blue (400) up to 120 Lbs**
- **DK Blue (650) up to 160 Lbs**

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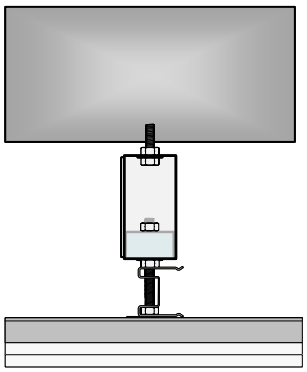
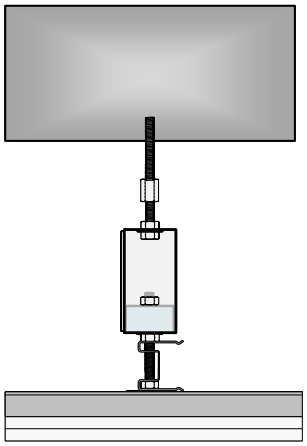
RSIC-ADAPT TOP MOUNT INSTALLATION GUIDE

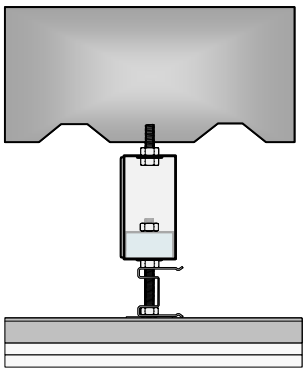
Concrete



Concrete
Dropped



Metal Deck



Adjustment:

- To field adjust the RSIC-ADAPT clip, Adjust the length of the threaded rod or bolt on the top side of the RSIC-ADAPT.
- The RSIC-ADAPT clip is designed to deflect between 1 and up to 2.5 mm from its position after the ceiling has been fully installed.

Ceilings:

- Where required add strong back consisting of 1.5" Cold Rolled Channel or 2 pieces of drywall furring channel nested together, on the top side of the standard drywall furring channel to add connection points for supporting the ceiling gypsum board or expansion joints in the ceiling. The strong back shall be placed perpendicular to the main drywall furring channels
- Install the gypsum board to the drywall furring channel leaving a 1/4" gap around the perimeter of the entire ceiling.
- Caulk around the entire perimeter of the ceiling wall intersection.
- Use fire and smoke rated acoustical sealant where required.
- For heavy ceilings or focus load, additional RSIC-ADAPT isolators may need to be added.

General Information:

- Resilient Sound Isolation Clip Isolator (RSIC-ADAPT), furring channel (hat track) and gypsum board may carry heavy loads such as Projectors, HVAC Ducting, Curtains, etc. For these items use additional RSIC-ADAPT isolation hangers for additional load, or focus loads.
- Splice furring channel (hat track) with 6 inch overlap in mid span, secure with 18 ga. tie wire or with two framing screws (7/16")
- Seal all potential air leaks with non-hardening acoustical caulking to achieve best noise control results. Use fire rated sealant where required.

Fire Test Information: Coming Soon

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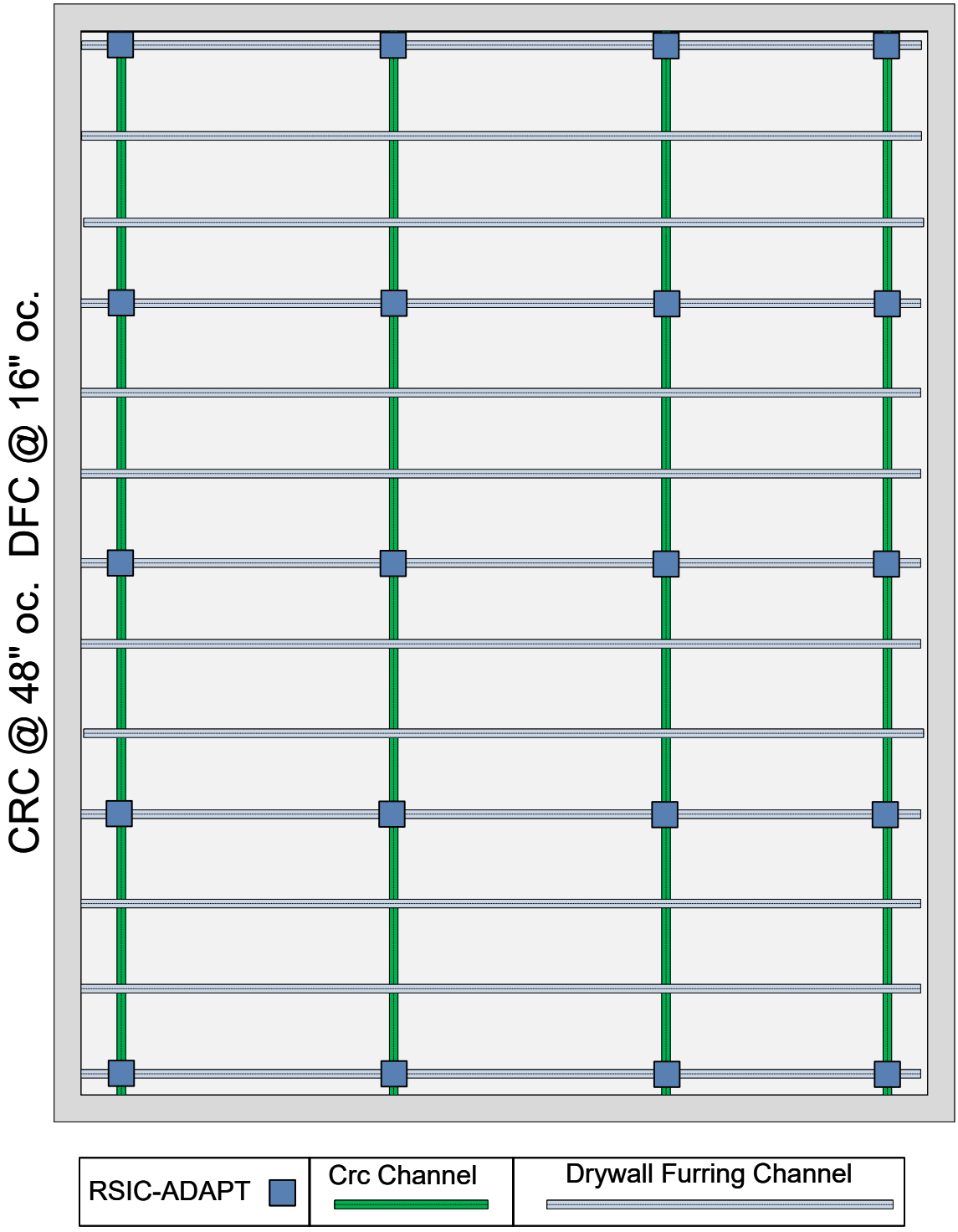
RSIC-ADAPT TOP MOUNT INSTALLATION GUIDE

Sample layout 48” oc.



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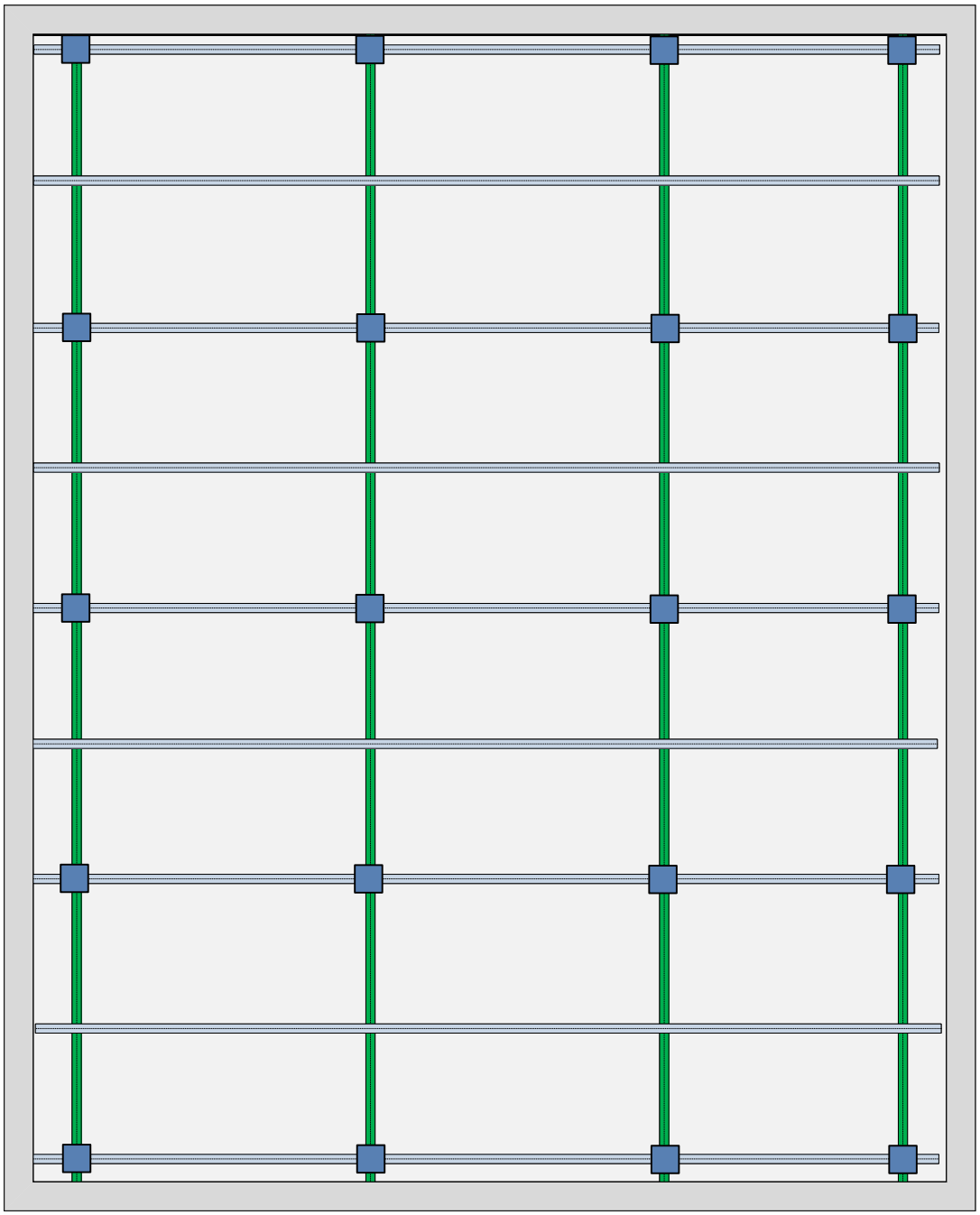
Sample layout 48” oc.



RSIC-ADAPT	Crc Channel	Drywall Furring Channel

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