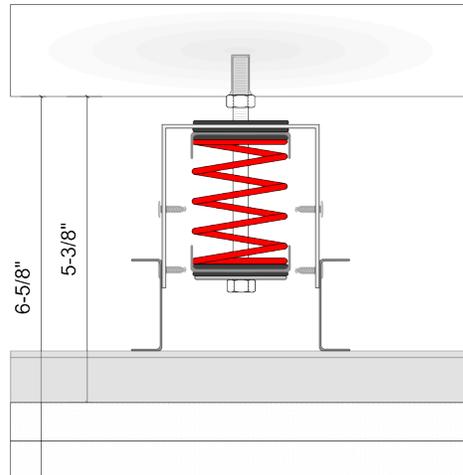
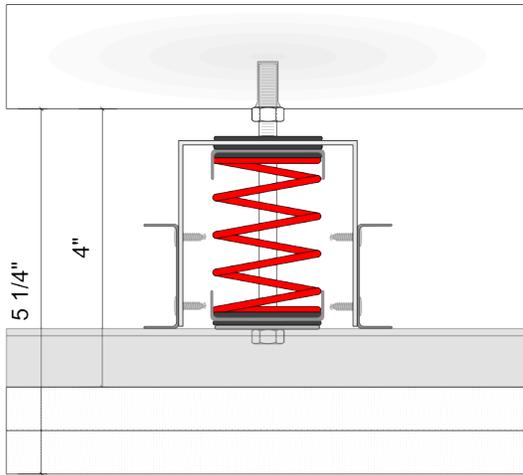


RSIC-SI-CRCX2 LP INSTALLATION GUIDE

RSIC-SI-CRCX2 LOW PROFILE SPRING ISOLATION CLIP



RSIC-SI-CRCX2 LP

4" to 5-3/8" cavity with one inch of spring deflection

**SHIPPED FULLY
ASSEMBLED
AND CALIBRATED**

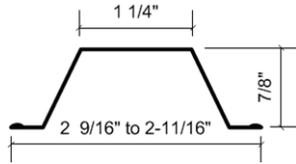
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RSIC-SI-CRCX2 LP SOUND ISOLATION

RSIC-SI-CRCX2 LP

4" to 5-3/8" cavity with one inch of spring deflection



Drywall Furring Channel:

- **Furring Channel:** 25 gauge hemmed edge, or 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.

Cold Rolled Channel:

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

Fasteners:

- **RSIC-SI-CRCX2 LP to Concrete:** Powers Mini Drop in anchor
- **1-1/2" x 16 Gauge Cold Rolled Channel** Use min 1/2" self drilling framing screws to fasten the 1-1/2" CRC channel RSIC-SI-CRCX2 LP
- CRC channel and Steel channel must meet or exceed SSMA standards

160 Lb

120 Lb

80 Lb

40 Lb

30 Lb

20 Lb

10 Lb

5 Lb

RSIC-SI-CRCX2 LP Spring Isolator

- **Maximum Spacing:** 48" oc. with Two Cold Rolled Channels
- **Finish elevation is 1/2" below preset height with 2 layers of 5/8" gypsum board.**
- Black = 160 Lbs
- Gold = 120 Lbs
- Silver = 80 Lbs
- Red = 40 Lbs
- Green = 30 Lbs
- Blue = 20 Lbs
- White = 10 Lbs
- Yellow = 5 Lbs



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RSIC-SI-CRCX2 LP 48" INSTALLATION



Yellow



White



Blue



Red



Silver



Gold



Black

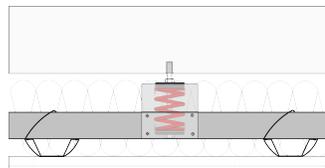
RSIC-SI-CRCX2 LP

Low Profile Spring dropped ceiling with 1" deflection

Adjustable: 4" to 5-3/8"

Concrete Ceilings: RSIC-SI-CRCX2 LP clips installed 48" oc

- Resilient Sound Isolation Clips (RSIC-SI-CRCX2 LP) shall be max 48 inches on center .
- Layout the RSIC-SI-CRCX2 LP clips according to general guidelines represented in this installation manual.
- Any additional or non standard room dimensions need to be addressed by a professional engineer.
- Carefully remove RSIC-SI-CRCX2 LP pre-assembled, and pre-calibrated clips from packaging.
- Be cautious to not rotate the RSIC-SI-CRCX2 LP clips separate from the Upper bracket. This may change the factory calibration of RSIC-SI-CRCX2 LP.
- Verify the correct quantity of each RSIC-SI-CRCX2 LP isolator (weight / color) is included in the shipment.
- Layout the RSIC-SI-CRCX2 LP clips on the floor (reflecting the ceiling above) Ensure there are no additional items required to complete the installation, IE: HVAC ducting to be moved or clips to be relocated, or additional clips to support the drywall furring channel.
- Drill and set the Mini Drop in anchors
- Thread the Resilient Sound Isolation Clip (RSIC-SI-CRCX2 LP) to the Mini Drop in the ceiling
- Allow for 1/2" deflection after the second layer of gypsum board has been installed.
- At the perimeter, the distance between the wall and first support for the drywall shall be 8" or less.
- Position the cold rolled channel 16 ga to the desired height and fasten to the RSIC-SI-CRCX2 LP clip. Use caution to ensure the framing screws do not contact the springs.
- Wire tie or screw the drywall furring channel to the cold rolled channel @ 24" oc or 16" oc. (24" oc for 1 or 2 layers of gyp board, 16" oc for 2 or 3 layers of gyp board)



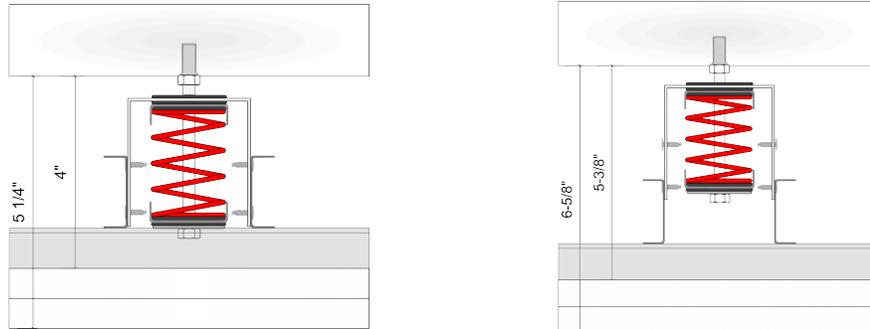
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RSIC-SI-CRCX2 LP SOUND ISOLATION

Height Adjustment:

- To adjust the ceiling height position the 1-1/2" Cold Rolled Channel on the downward facing flange of the RSIC-SI-CRCX2 LP. Air space between concrete and back of gypsum board may be adjusted from 4" to 5-3/8".
- The Pre-Calibration of the RSIC-SI-CRCX2 LP clip is designed to deflect only 1/2" from its pre-loaded (pre-set) position after the 2nd layer of gypsum board has been installed.



Ceilings:

- Install the gypsum board to the drywall furring channel leaving a 1/8" to 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.
- The RSIC-SI-CRCX2 LP is recommended with a minimum of 2 layers of 5/8" gypsum board or equal mass

General Information:

- Resilient Sound Isolation Clip Spring Isolator Low Profile (RSIC-SI-CRCX2 LP), furring channel (hat track) and gypsum board shall not carry heavy loads such as Projectors, HVAC Ducting, Curtains, etc. For these items use additional RSIC isolation clips specifically designed for that purpose.
- Splice furring channel (hat track) with 6 inch overlap, 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:

WWW.PAC-INTL.COM

Check UL Fire Resistance Directory File # R16638

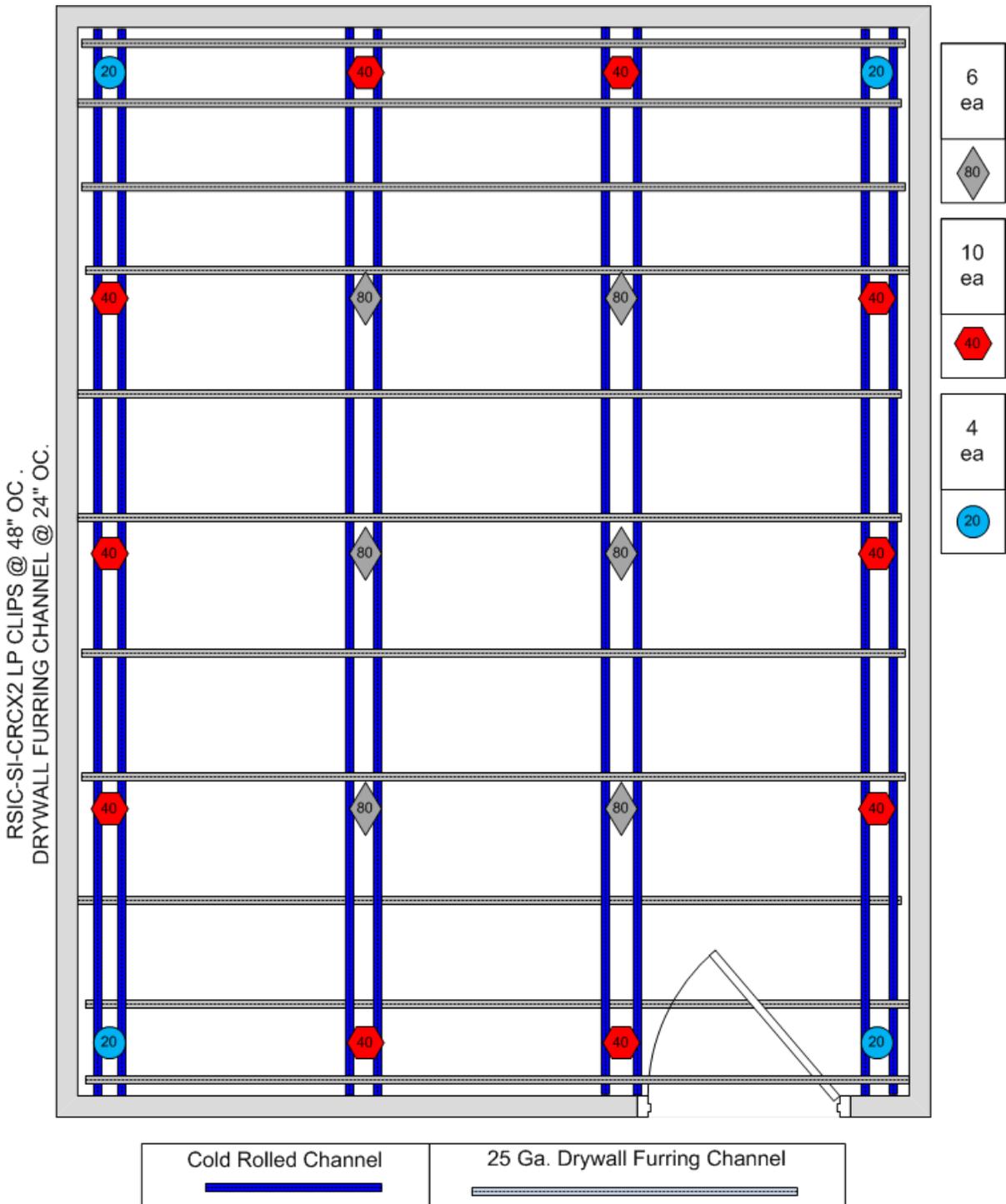
Check UL's web pages. www.ul.com/database

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RSIC-SI-CRCX2 LP SOUND ISOLATION

Sample layout 48" oc.



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RSIC-SI-CRCX2 LP SOUND ISOLATION



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