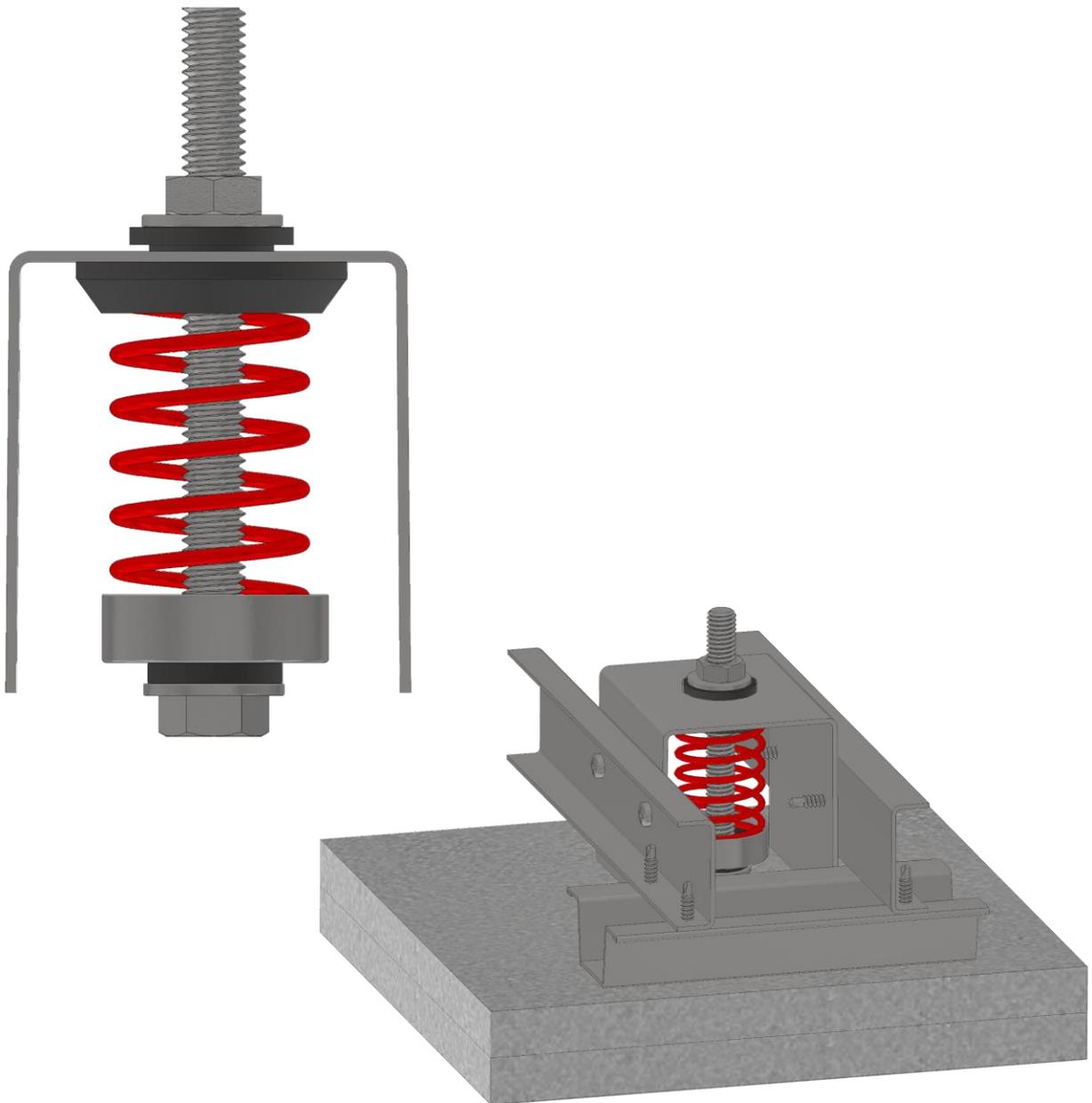


# RSIC-SI-CRC2 LP SOUND ISOLATION CLIP

RSIC-SI-CRC2 LP INSTALLATION GUIDE

## RSIC-SI-CRC2 LP



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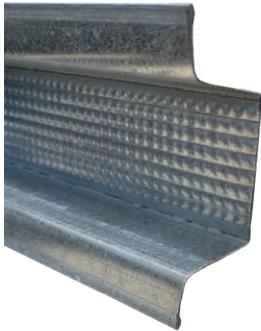
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### Cold Rolled Channel:

- **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



### Drywall Furring Channel:

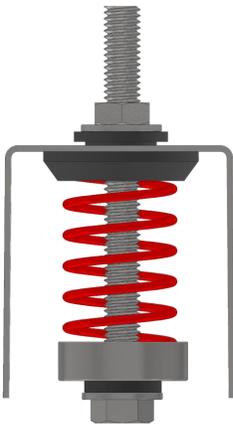
- **Furring Channel:** 20 gauge standard. Meets or exceeds SSMA requirements.
- **Depth:** 7/8 inch
- **Width Bottom:** 2-9/16" to 2-11/16" inch wide nominal.
- **Width Top:** 1-1/4 inch wide

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.



### Fasteners:

- **RSIC-SI-CRC2 LP to Concrete:** Mini or standard 3/8" 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-CRC2 LP
- CRC channel and Steel channel must meet or exceed SSMA standards

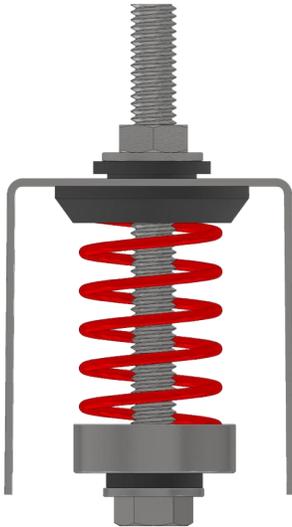


### RSIC-SI-CRC2 LP Spring Isolator

- **Maximum Spacing:** 60" x 48" oc. with Two Cold Rolled Channels
- **Finish elevation is 1/2" below preset height with 2 layers of 5/8" gypsum board.**

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10 Lb White

20 Lb Blue

30 Lb Green

40 Lb Red

60 Lb Purple

80 Lb Silver

100 Lb Orange

120 Lb Gold

### RSIC-SI-CRC2 LP

Low Profile Spring dropped ceiling with 1" deflection  
Adjustable: 3-5/16" to 4-5/16"

#### Concrete Ceilings: RSIC-SI-CRC2 LP clips installed 48" oc

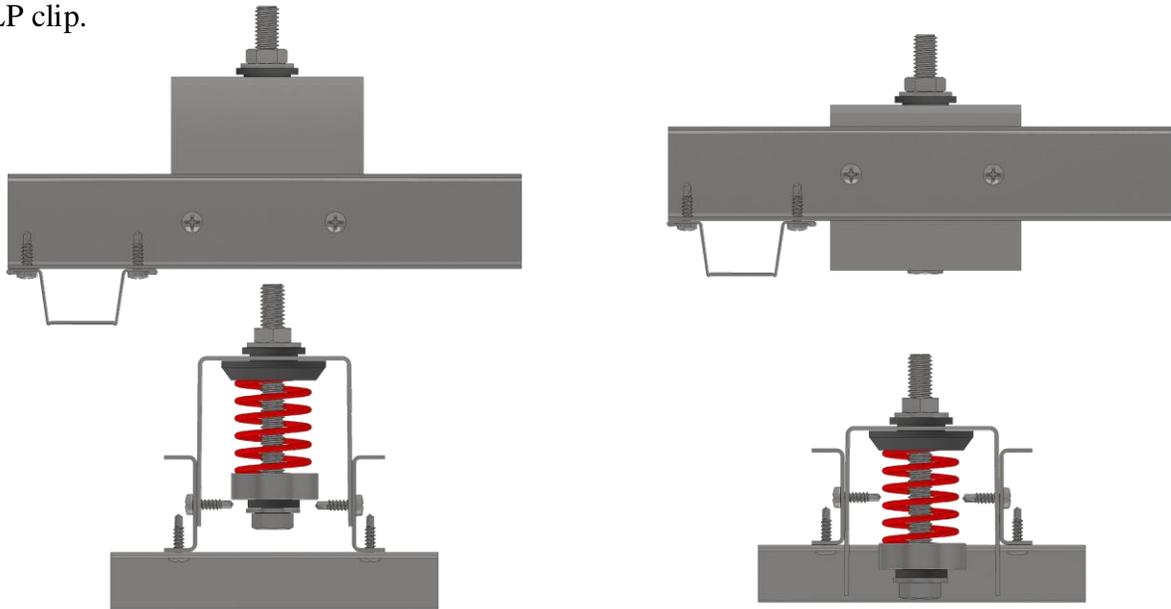
- Resilient Sound Isolation Clips (RSIC-SI-CRC2 LP) shall be max 72 inches by 48 inches on center.
- Layout the RSIC-SI-CRC2 LP clips according to general guidelines represented in this installation manual.
- Any additional or non standard room dimensions need to be addressed by a professional engineer.
- Carefully remove RSIC-SI-CRC2 LP pre-assembled, and pre-calibrated clips from packaging.
- Be cautious to not rotate the RSIC-SI-CRC2 LP clips separate from the Upper bracket. This may change the factory calibration of RSIC-SI-CRC2 LP.
- Verify the correct quantity of each RSIC-SI-CRC2 LP isolator (weight / color) is included in the shipment.
- Layout the RSIC-SI-CRC2 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 Drop in anchors
- Thread the Resilient Sound Isolation Clip (RSIC-SI-CRC2 LP) to the Drop anchors in the ceiling
- Position the cold rolled channel 16 ga to the desired height minus 1/2" and fasten to the RSIC-SI-CRC2 LP clip. Use caution to ensure the framing screws do not contact the springs.
- 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.

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### Height Adjustment:

- The Pre-Calibration of the RSIC-SI-CRC2 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.
- To adjust the ceiling height move the CRC channel up or down on the side flange of the RSIC-SI-CRC2 LP clip.



### Ceilings:

- Install PAC perimeter tape at the finished height of the gypsum board ceiling.
- 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-CRC2 LP is recommended with a minimum of 2 layers of 5/8" gypsum board or equal mass

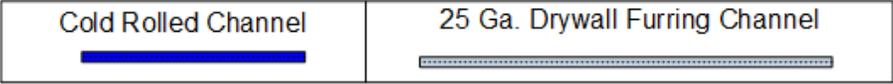
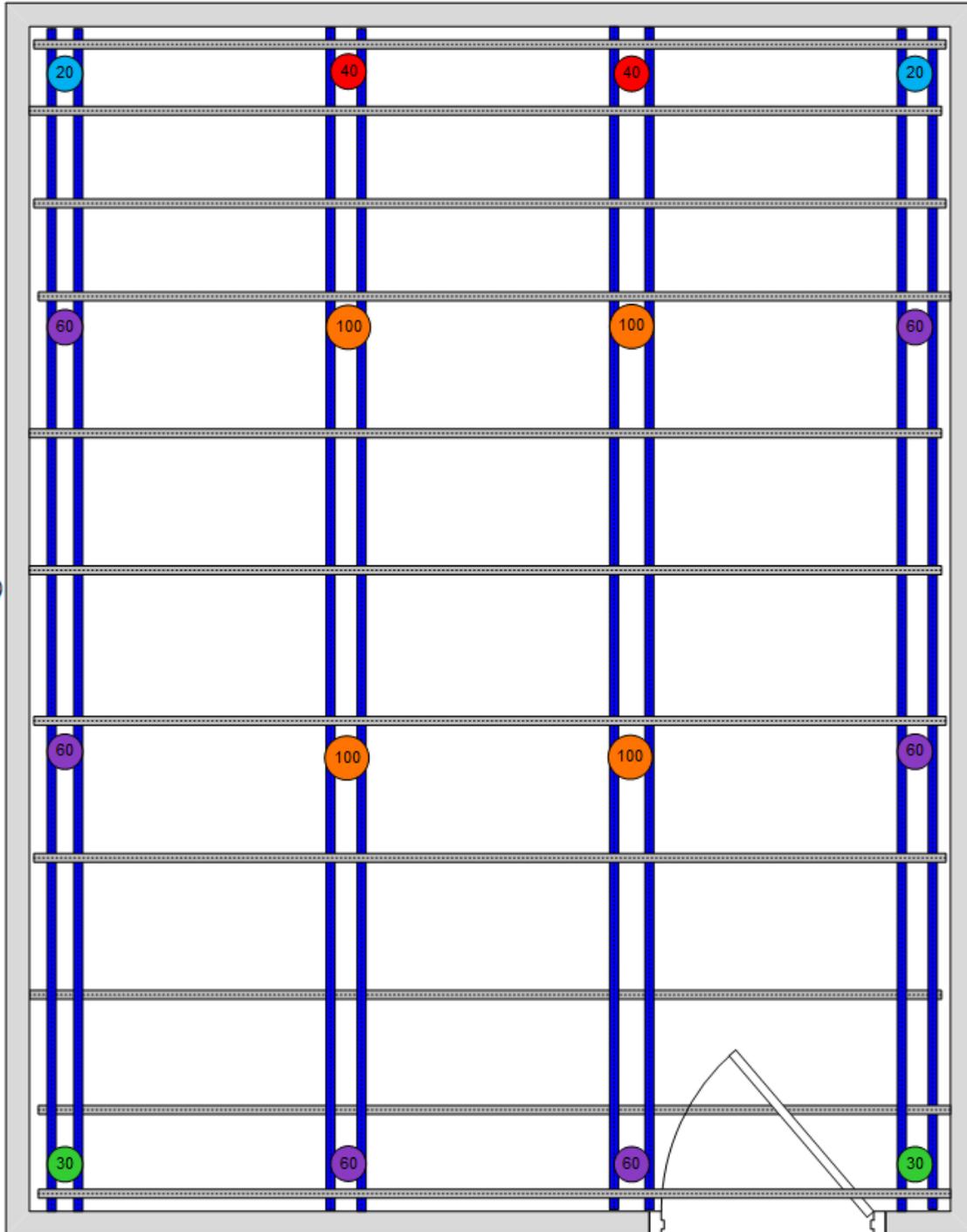
### General Information:

- Resilient Sound Isolation Clip Spring Isolator Low Profile (RSIC-SI-CRC2 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.

# RSIC-SI-CRC2 LP SOUND ISOLATION CLIP

## RSIC-SI-CRC2 LP Sample Layout

RSIC-SI-CRC2 LP CLIPS @ 72" OC.  
 DRYWALL FURRING CHANNEL @ 24" OC.



- 4 ea  

- 
- 6 ea  

- 2 ea  

- 2 ea  

- 2 ea  
