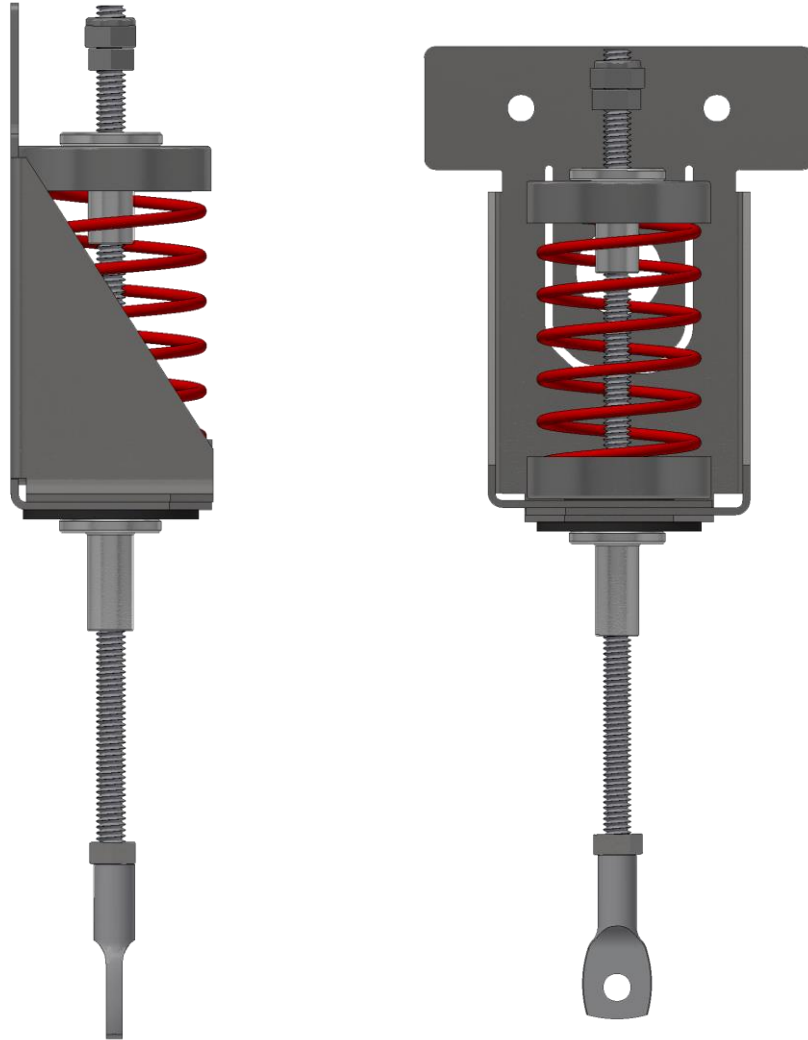


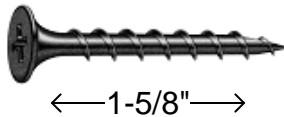
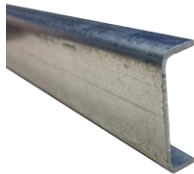
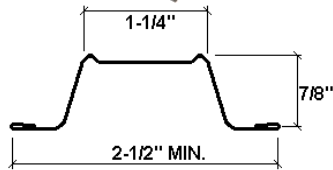
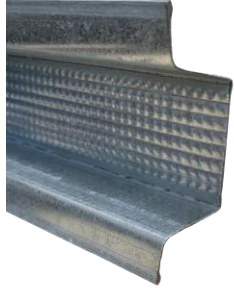
# **RSIC-SI-WHI**



**RSIC-SI-WHI 5 LBS TO 80 LBS**

**SHIPPED FULLY  
ASSEMBLED  
AND CALIBRATED**

# RSIC-SI-WHI SOUND ISOLATION CLIP



80 Lb
40 Lb
30 Lb
20 Lb
10 Lb
5 Lb

## Drywall Furring Channel:

- Furring Channel: 25 gauge hemmed edge, or 20 gauge standard. Meets or exceeds SSMA requirements
- Depth: 7/8"
- Width Bottom: 2-1/2" wide minimum.
- Width Top: 1-1/4" wide
- Splice drywall furring channel (hat track) with 6" 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 cod : 150U050-54
- CRC and steel studs must meet or exceed SSMA standards
- Drywall Grid Follow manufacturer installation requirements

## Fasteners:

- Hanger wire per manufacturer recommendations for load at each position.
- RSIC-SI-WHI clip is direct attached to the side of the framing members with screws

## RSIC-SI-WHI Spring Isolator

- **Maximum Spacing:** 48" oc. With Cold Rolled Channel
- **Finish elevation is 1/2" below preset height.**
- Silver = 80 Lbs
- Red = 40 Lbs
- Green = 30 Lbs
- Blue = 20 Lbs
- White = 10 Lbs
- Yellow = 5 Lbs

# RSIC-SI-WHI SOUND ISOLATION CLIP



## **Ceilings: RSIC-SI-WHI clips installed 48" oc**

- Resilient Sound Isolation Clips (RSIC-SI-WHI) shall be max 48 inches on center .
- Any additional or non standard room dimensions need to be addressed by a professional engineer.
- Carefully remove RSIC-SI-WHI pre-assembled, and pre-calibrated clips from packaging.
- Be cautious to not rotate the RSIC-SI-WHI spring clips separate from the bracket. This may change the factory calibration of RSIC-SI-WHI.
- Verify the correct quantity of each RSIC-SI-WHI isolator (weight / color) is included in the shipment.
- Layout the RSIC-SI-WHI 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-SI-WHI clips, or additional clips to support the drywall.
- Fasten the Resilient Sound Isolation Clip (RSIC-SI-WHI) to the side of the joist allowing for 1/2" deflection after the gypsum board has been installed.
- At the perimeter, the distance between the wall and first support for the drywall shall be less than 8"
- Tire hanger wire to the bottom loop of the RSIC-SI-WHI isolator clip.
- Tie the 16 Ga cold rolled channel or drywall grid to the hanger wire hung from the RSIC-SI-WHI clip.
- Follow Steel framing guidelines for spacing with CRC channel, and manufacturer installation guide for Drywall Grid systems.
- Install perimeter tape on wall at ¼ above finished ceiling height.
- Install gypsum board
- Caulk gap between gypsum board and wall.

- Silver 80 Lb field clips
- Red 40 Lb field and perimeter clips
- Green 30 Lb field and perimeter clips
- Blue 20 Lb field, perimeter and edge clips
- White 10 Lb edge, corner, and or infill clips
- Yellow 5 edge or corner clips

# RSIC-SI-WHI SOUND ISOLATION CLIP



## **Calibration and Adjustment:**

- The Pre-Calibration of the RSIC-SI-WHI clip is designed to deflect only 1/2" from its pre-loaded (pre-set) position when the full load has been applied.

## **Ceilings:**

- Optional: Recommended add strong back consisting of 1.5" Cold Rolled Channel or drywall furring channel, on the top side of the standard drywall furring channel to assist in leveling the ceiling at or near the perimeter. The strong back shall be placed perpendicular to the main drywall furring channels
- Install the gypsum board to the drywall furring channel leaving a 1/8" 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-1 SI is engineered for use with a minimum of 2 layers of 5/8" gypsum board.

## **General Information:**

- Resilient Sound Isolation Clip Spring Isolator (RSIC-SI-WHI), 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 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.
- When attaching the RSIC-SI-WHI clips to a steel Joist the minimum allowable thickness is 20 ga. (0.030).

## **Fire Test Information:**

[WWW.PAC-INTL.COM](http://WWW.PAC-INTL.COM)

Check UL Fire Resistance Directory File # R16638

Check UL's web pages. [www.ul.com/database](http://www.ul.com/database)

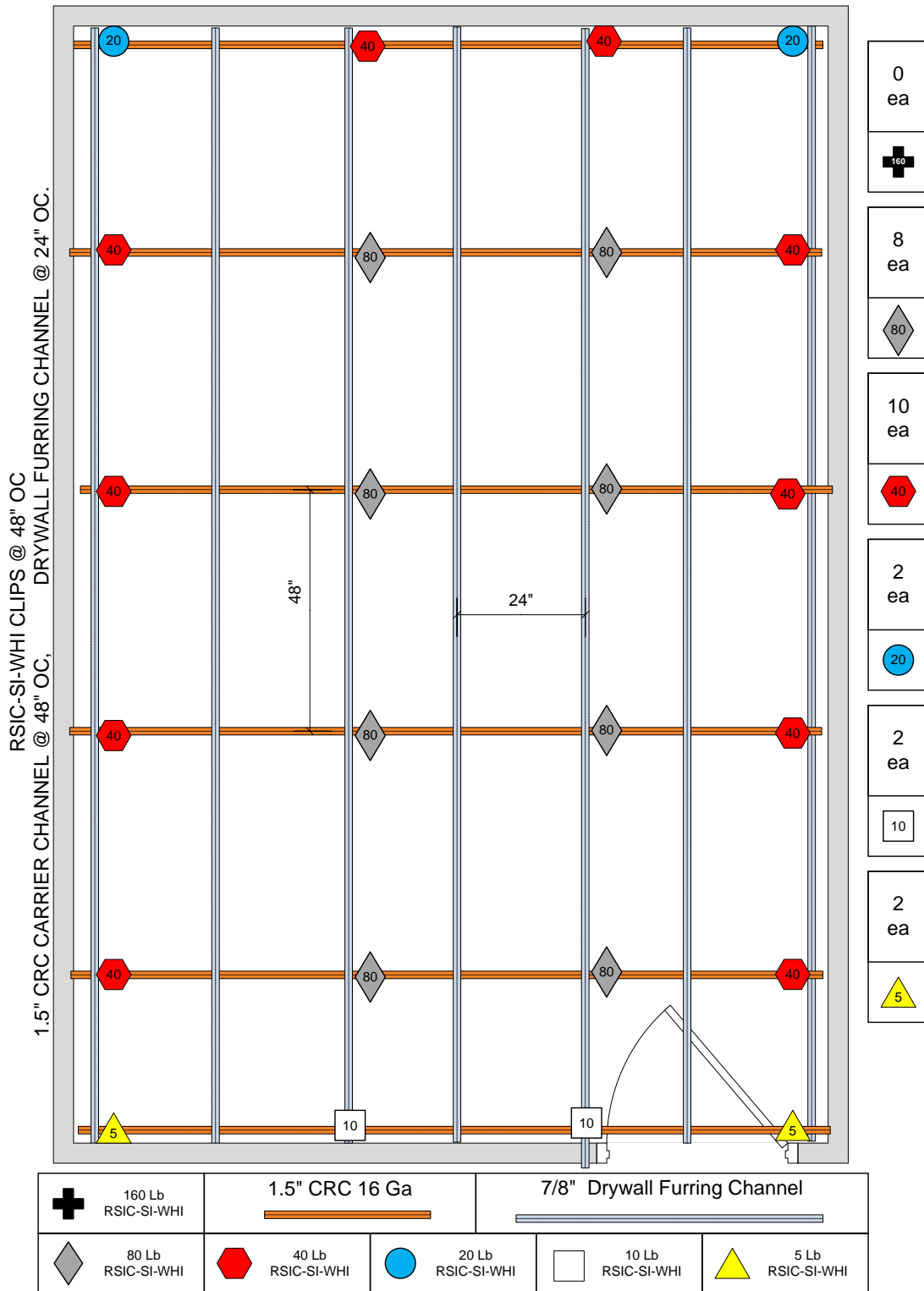
Contact UL (877) UL-HELPS

**PAC International, Inc. Tel: (866) 774-2100 Technical: (866) 649-2710 Web Site: [www.pac-intl.com](http://www.pac-intl.com)**

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# RSIC-SI-WHI SOUND ISOLATION CLIP

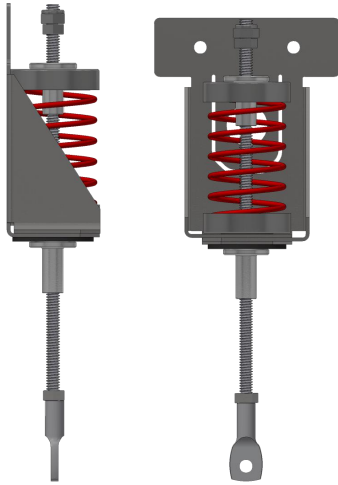
## Sample layout 48" oc.



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# RSIC-SI-WHI SOUND ISOLATION CLIP



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