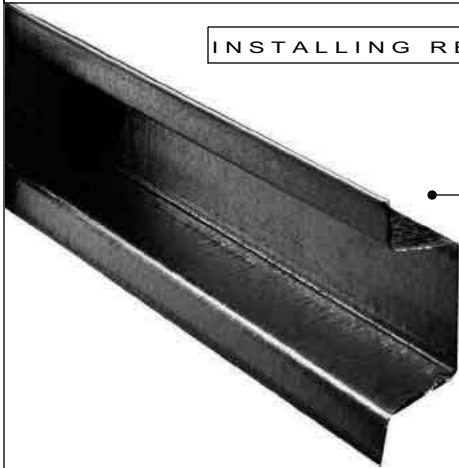


FIELD TECHNICAL INFORMATION

Application Recommendations for Wall and Ceiling, Wood or Steel Framing

INSTALLING RESILIENT SOUND ISOLATION CLIPS (QRSIC-1)



Furring Channel:

Minimum requirements: 25 gauge (0.0188 inch thickness), Hemmed Edge detail Required on all 25 gauge Furring Channel.

Optional: 22 gauge (0.027 inch thickness) or 20 gauge (0.033 inch thickness)

Depth 7/8 inch or 1-1/2 inch.

Width Top 2-1/2 inches wide minimum.

Bottom 1-1/4 inch wide

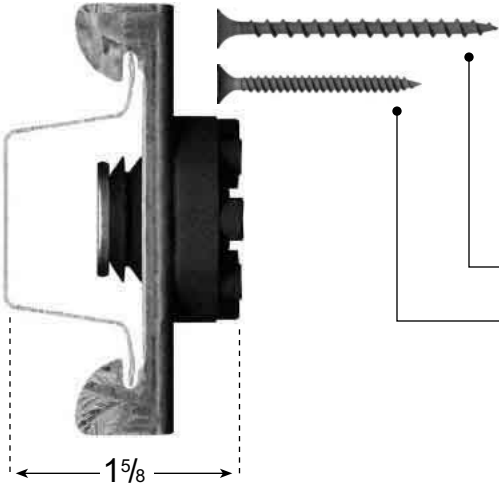


Resilient Sound Isolation Clip (QRSIC-1):

Spacing Maximum 48 inches on center.

Splice furring channel (hat track) with 6 inch over lap, secure with screws or wire tie.

Maximum Allowable Dead Load 36 pounds per QRSIC-1.



Fasteners:

QRSIC-1 To wood 2-1/2 inch (63mm) minimum length Type "W" screw.

QRSIC-1 To Steel 1-5/8 inch (41mm) minimum length Type "S" screw.

Do NOT fasten Resilient Sound Isolation Clips (QRSIC-1) to framing members with nails. Use only approved screws.

Drywall to furring channel (hat track)

Single layer 1/2 inch (12mm) use 1-1/8 inch (28mm) Type "S" screw with bugle head.

Single layer 5/8 inch (16mm) use 1-1/4 inch (32mm) Type "S" screw with bugle head.

Second layer 1/2 inch (12mm) use 1-5/8 inch (41mm) Type "S" screw with bugle head.

Second layer 5/8 inch (16mm) use 1-5/8 inch (41mm) Type "S" screw with bugle head.

QWYATT.COM

qwyatt \ 'kwī-ət \ adj.: free from noise or uproar

212.402.3668
800.262.8339

NOISE CONTROL
by **MASON WYATT**

360 West 34th St., 14C
New York, NY 10001

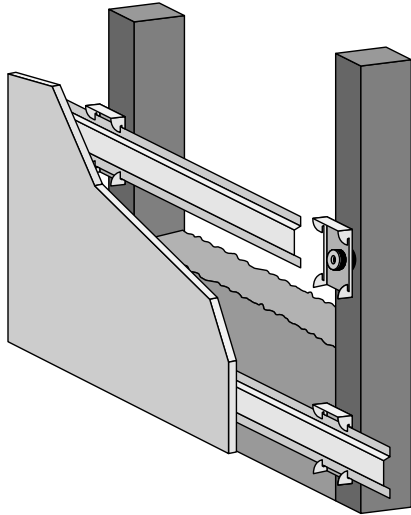
Serving The Manhattan Area

Mason@NoiseControl.net
www.QWYATT.com

*Supplying Acoustic Products,
Design and Consulting*

Application Recommendations for Wall and Ceiling, Wood or Steel Framing

INSTALLING RESILIENT SOUND ISOLATION CLIPS (QRSIC-1)

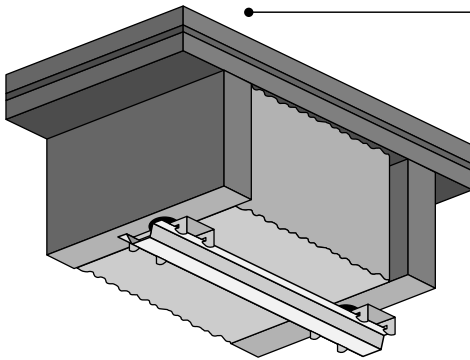


Walls: One and Two layers of 5/8" Gypsum

- Resilient Sound Isolation Clip (QRSIC-1) shall be a maximum of 48 inches (1219mm) on center. (Horizontally) and a maximum of 24 inches (610mm) on center (Vertically)
- Fasten the Resilient Sound Isolation Clip (QRSIC-1) to the structure members. Ensure the internal metal Ferrell is tight to the framing member.
- Locate the first row of QRSIC-1 clips within 2 inches (50mm) from the floor, and within 6 inches (150mm) from the Ceiling.
- Snap in the Drywall Furring Channel (hat track) into the QRSIC-1 clip at right angles (perpendicular) to the framing members.

Ceilings: One and Two layers of 5/8" Gypsum

- Resilient Sound Isolation Clip (QRSIC-1) shall be a maximum of 48 inches (1219mm) on center. (Horizontally)
- Fasten the Resilient Sound Isolation Clip (QRSIC-1) to the structural members. Ensure the internal metal Ferrell is tight to the framing member
- Locate the first row of QRSIC-1 clips within 8 inches (200mm) of the wall at each end of a run.
- Drywall Furring Channels (Hat Track) shall be a maximum of 24 inches (610mm) on center. (Vertically)
- For enhanced acoustical performanc, increase the number of QRSIC-1 isolators.
- Snap in the Drywall Furring Channel (hat track) into the QRSIC-1 clip at right angles (perpendicular) to the framing members.



General Information:

- Resilient Sound Isolation Clip (QRSIC-1), furring channel (hat track) and Gypsum board shall not carry heavy loads such as cabinets or bookshelves.
- Resilient Sound Isolation Clip (QRSIC-1) is typically only required on one side of an assembly.
- Splice furring channel (hat track) with 6 inch over lap in mid span, secure with screws or wire tie.
- Seal all potential air leaks with non hardening Acoustical caulking to achieve best Field Sound Transmission Class (FSTC) and Field Impact Isolation Class (FIIC) ratings.

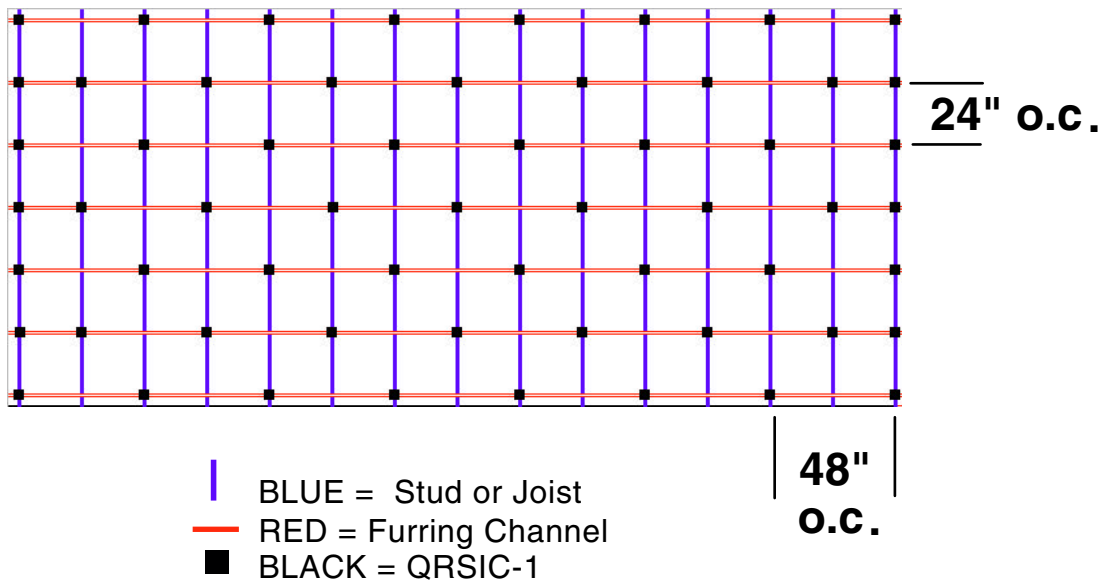
Fire Test Information

- Resilient Sound Isolation Clips (QRSIC-1) are not to be arbitrarily added to fire related assemblies.
- Check our web page for the latest updates to the Fire testing approvals. www.QWYATT.com
- Check UL Fire Resistance Directory. Control # 83XN, File# R20548
- Check UL's web pages. www.ul.com/database
- Contact U.L. (631) 271-6200 ext 22897

Application Recommendations for Wall and Ceiling, Wood or Steel Framing

INSTALLING RESILIENT SOUND ISOLATION CLIPS (QRSIC-1)

Drywall Furring Channel (Hat Track) 24" o.c.

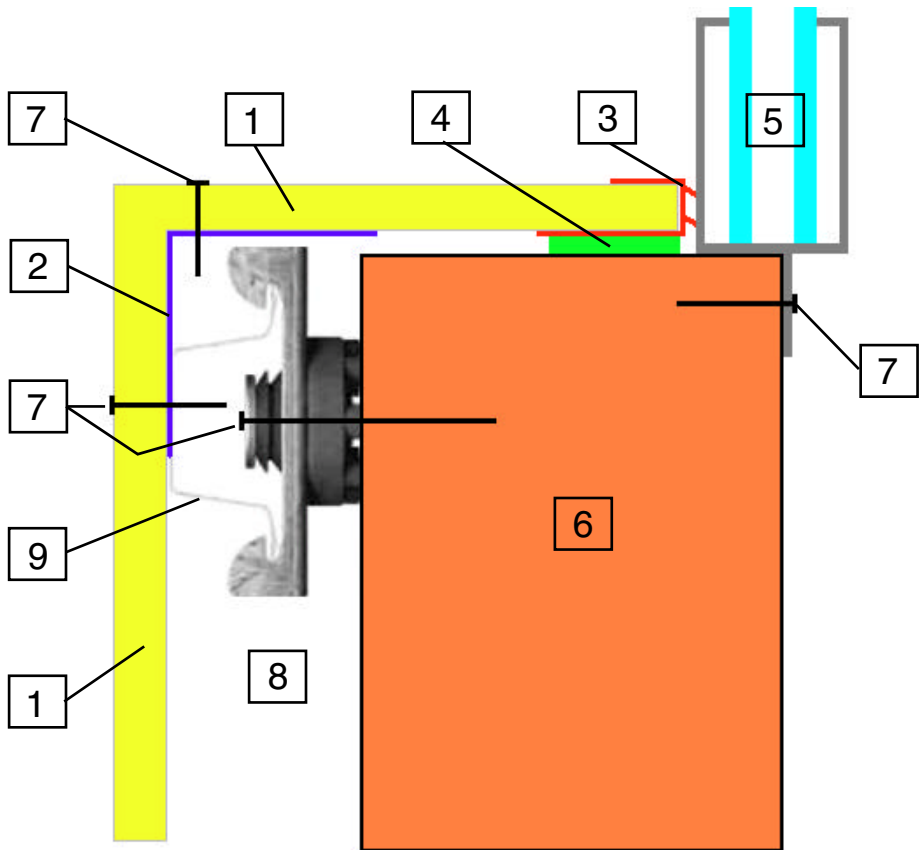


FIELD TECHNICAL INFORMATION

Application Recommendations for Wall and Ceiling, Wood or Steel Framing

INSTALLING RESILIENT SOUND ISOLATION CLIPS (QRSIC-1)

- 1. YELLOW...DRYWALL
- 2. BLUE.....1-1/2 x 1-1/2 ANGLE
- 3. RED.....SUPER SEAL • J BEAD
- 4. GREEN.....101 DOUBLE SIDED ACRYLIC TAPE 1/8 x 3/4 -1
- 5. GREY.....WINDOW...DOOR
- 6. BROWN....WOOD OR STEEL STUD
- 7. BLACK.....FASTENERS
- 8. QRSIC-1
- 9. 7/8" FURRING CHANNEL



Application Recommendations for Wall and Ceiling, Wood or Steel Framing

INSTALLING RESILIENT SOUND ISOLATION CLIPS (QRSIC-1)

QRSIC-1

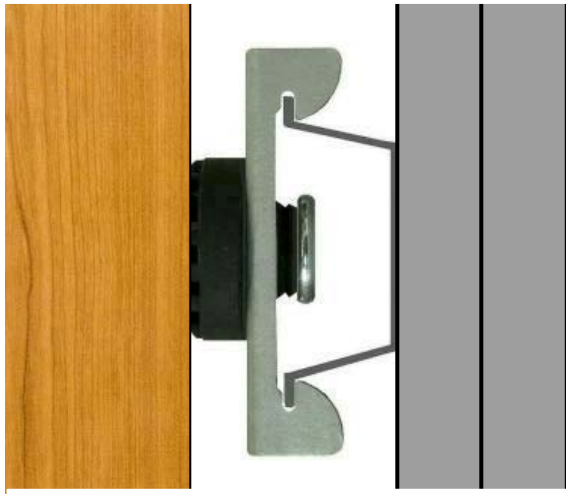
Acoustic Assembly



LOAD SPECIFICATION:

The QRSIC-1 acoustic assembly is a proprietary part used for fastening gypsum wallboard to a supporting structure while simultaneously isolating it from vibration which significantly reduces the amount of impact and airborne sound filtering from rooms above, below and alongside.

To enable the acoustic performance of the QRSIC-1 to be effective, it is recommended that the dead or shear load should not exceed **36lbs** on the assembly based on a grid layout of 4'0" x 2'0"oc. as shown below.



WALL SYSTEM

