

RSIC-1ADM INSTALLATION GUIDE

RSIC-1 Adjustable Direct Mount (ADM)

CONCRETE CEILINGS

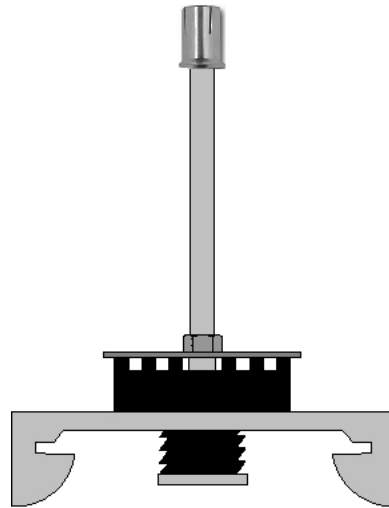
RSIC-1 ADM Direct
Mounted to RSIC Shoot in
Multi Clip



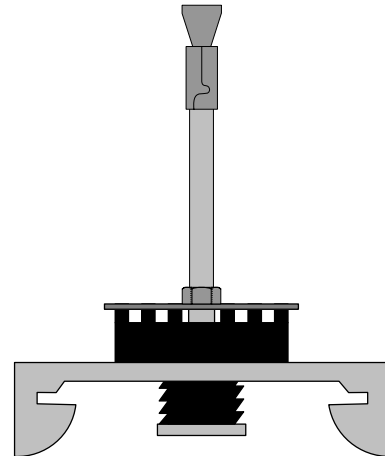
RSIC-1 ADM with RSIC
Shoot in Multi Clip



RSIC-1 ADM with Powers
Mini Drop in Anchor

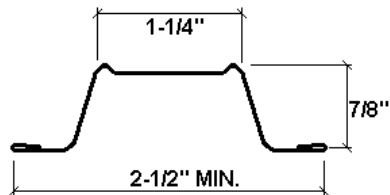


RSIC-1 ADM with
Threaded Wedge Anchor



RSIC-1ADM

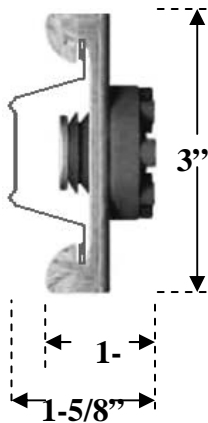
RSIC-1ADM SOUND ISOLATION CLIP



Drywall Furring Channel:

- **Minimum Requirements:** 25 gauge with hemmed edge required. Meets or exceeds SSMA requirements.
- **Depth:** 7/8 inch
- **Width Bottom:** 2-1/2 inch wide minimum.
- **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.



Resilient Sound Isolation Clip (RSIC-1ADM)

- **Maximum Spacing:** 48 inches on center
- **Maximum Acoustical Design Load:** 36 lbs

RSIC-1ADM Dimensions:

- RSIC-1ADM clip 3" wide
- RSIC-1ADM clip 1-1/4" deep

PAC International Multi Clip



Powers Mini drop in anchor



Wedge anchor



Ceiling Fasteners:

- **RSIC-1ADM to Concrete:** The RSIC-1ADM has an internal 1/4" USA thread. There are a large variety of mechanical and clip type fasteners available for use with the RSIC-1 ADM.
- PAC International, Inc. RSIC Multi Clip shoot in hanger 1/4" thread
- Powers Mini Drop In Hanger 1/4" thread
- Wedge Anchor 1/4 20 thread

Wall Fasteners:

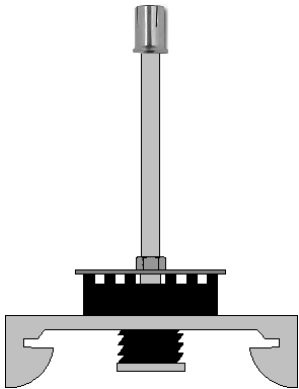
- Wedge Anchor 1/4 20 thread
- Powers Mini Drop In Hanger 1/4" thread

RSIC-1ADM SOUND ISOLATION CLIP



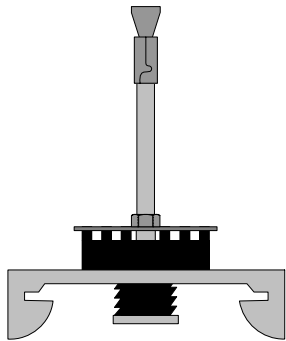
Ceilings:

- Resilient Sound Isolation Clips (RSIC-1ADM) shall be 48 inches (1219mm) on center maximum.
- Install the RSIC-Shoot In Multi Clip, Powers Mini Drop in Anchor, or 1/4x20 threaded Wedge Anchor to the underside of the concrete following manufacturers specifications.
- Install RSIC-1ADM , washer, and set nut to threaded section of fastener.
- RSIC-1ADM shall be locked into proper elevation with jam/lock nut
- Ensure the metal ferrule is tight to the washer, slightly compressing the rubber
- Locate the first row of RSIC-1ADM clips within 6 inches of the wall.
- Snap in the drywall furring channel (hat track) into the RSIC-1ADM clips.
- (Optional) Install RSIC Security Strap to secure the hat channel in to the RSIC-1 clip
- Install the gypsum board leaving a 1/4" min. gap where the gypsum board intersects the wall, and framing.
- Caulk around entire perimeter of the ceiling, and electrical boxes. Use fire rated sealant where required.



General Information:

- Resilient Sound Isolation Clip (RSIC-1ADM), furring channel (hat track) and gypsum board shall not carry heavy loads such as cabinets, book shelves, or light fixtures without additional RSIC supports.
- 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:

RSIC products are approved for classification and use in over 150 different UL Fire Resistive Design Assemblies.

Check our website for the latest updates of the fire testing: WWW.PAC-INTL.COM

Check UL Fire Resistance Directory File # R16638

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

Contact UL (877) UL- HELPS

PAC International, Inc. Tel: (866) 774-2100 Fax: (866) 649-2710 Web Site: www.pac-intl.com

RSIC-1ADM SOUND ISOLATION CLIP

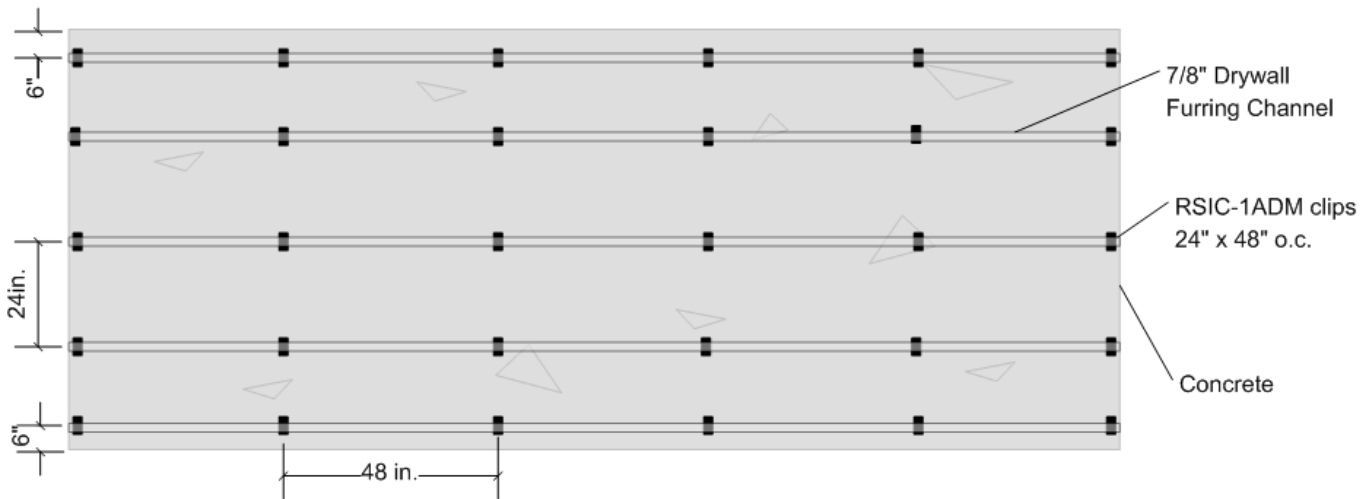
APPLICATION RECOMMENDATIONS FOR CONCRETE CEILINGS

INSTALLING RESILIENT SOUND ISOLATION CLIPS (RSIC-1ADM)

RSIC CLIPS AT 24" and 16" O.C.

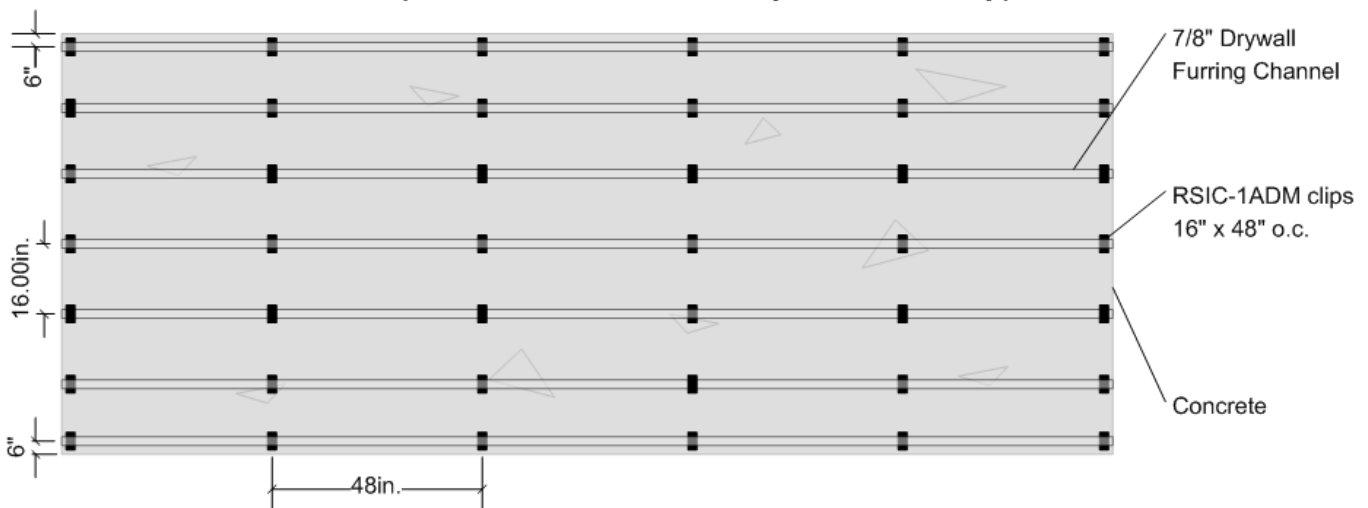
RSIC-1ADM Ceiling System

RSIC-1ADM clips at 24" x 48" o.c. 1 or 2 Layers of 5/8" Gypsum Board



RSIC-1ADM Ceiling System

RSIC-1ADM clips at 16" x 48" o.c. 3 Layers of 5/8" Gypsum Board



RSIC-1ADM SOUND ISOLATION CLIP



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