



RESILMOUNT A237BR SUBMITTAL PACKAGE



STUDCO
BUILDING SYSTEMS
A Studco Innovation

Resilmount A237BR Submittal Package



Resilmount Sound Isolation Solutions are a division of Studco Building Systems, a leading manufacturer of innovative building materials. Resilmount offers a range of patented sound isolation products for the wall and ceiling industry.

UNIQUE PATENTED THERMOPLASTIC RUBBER WITH SOUND CELL DESIGN

Solve the problem of noise transfer in high density accommodations with Resilmount. Our Resilient mount clips provide acoustic control by locking into place on standard furring channels for easy construction and effective solutions to unwanted noise. Resilmount clips isolate wall and ceiling systems from the building structure resulting in premium acoustic control.

SOUND TESTING

Resilmount's sound isolation mounts have been tested in order to meet the required acoustic performance. A range of testing and acoustic opinions are available upon request, please contact sales@resilmount.com for further information.



Tested according to ASTM Standards

QUALITY ASSURANCE AND ENVIRONMENTAL POLICY



ISO 9001 Quality Management System

The quest for optimum quality never ends at Studco. The consistency of our quality is one of the cornerstones of Studco's reputation as a reliable supplier of metal building systems. In order to achieve dependable quality in our products and service, Studco Building Systems is certified to ISO 9001 Quality Management System. This internationally recognized benchmark of quality is rigidly applied to all facets of our operations, ensuring premium quality products and premium customer service at all times. Customers can be certain of the quality of Studco's products because of the stringent controls we impose on our production processes.



ISO 14001 EMS Certification

The management team at Studco have long held the view that caring for the environment is a corporate responsibility. In fact, responsibility of and caring for the environment in which we live is a Studco hallmark which is promoted at every level of our business. Our commitment to sensible environmental responsibility and corporate accountability is evident in our ongoing certification to the internationally recognized benchmark standard ISO 14001:2015 environmental management system.

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DESCRIPTION

The Resilmount A237BR is used in steel joist applications where a dropped ceiling is needed. The A237BR clip isolates the ceiling and the floor above acoustically.

FEATURES

- Consistent and reliable quality – manufactured under ISO9001 quality control system.
- Easy installation into new or existing ceiling systems.
- Easily works with all hanger wire.
- Suitably isolates the ceiling system from the structure to reduce structure and airborne noise.
- The A237BR bolt comes in three lengths, 3", 4", and 5" long.

APPLICATION

The A237BR attaches to both the bar joist and 7/8" or 1 1/2" furring channel. The A237BR decouples the gypsum board from the bar joist in drop ceiling applications for optimum performance.

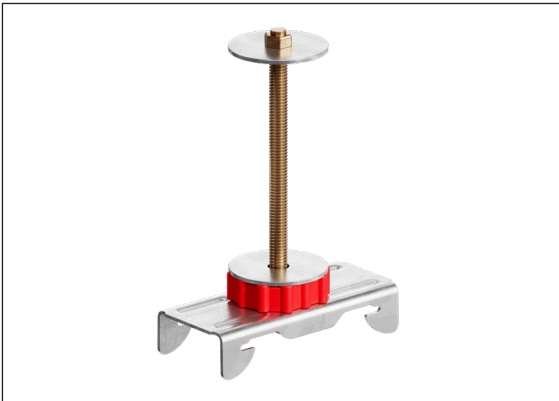
INSTALLATION NOTES

The bolt on the A237BR fits directly through a steel joist and the A237R. The bottom of the clip accepts standard furring channel which enables the gypsum board to be decoupled acoustically from the framing above.

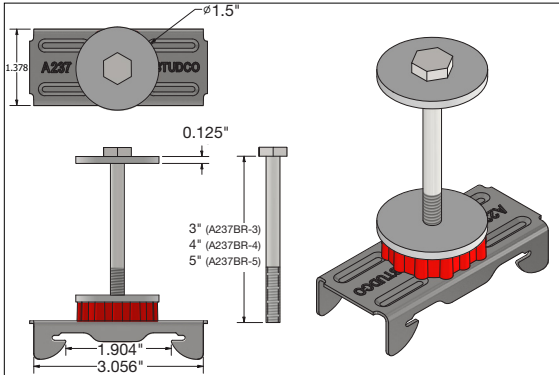
Product	Bolt Length	Cord
A237BR-3	3"	1"
A237BR-4	4"	2"
A237BR-5	5"	3"

DYNAMIC CHARACTERISTICS

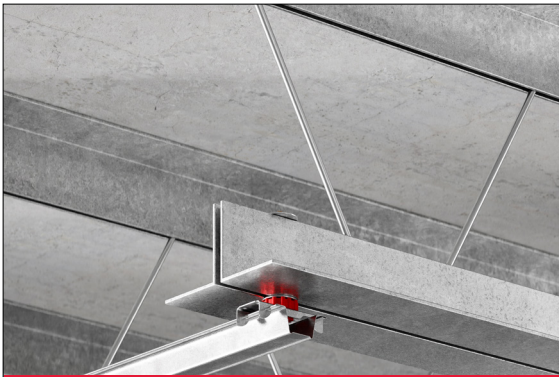
Resilmount's patented thermoplastic rubber outperforms standard rubber because of its unique natural absorbing characteristics. Resilmounts unique sound cell design guards against structure borne vibrations transferring into the body of the resilmount because of its strong column design providing a small percentage of contact surface area with the structure or substrate it is fastened to. This aids in absorbing and breaking up airborne sound at its transfer point.



A237BR PROFILE

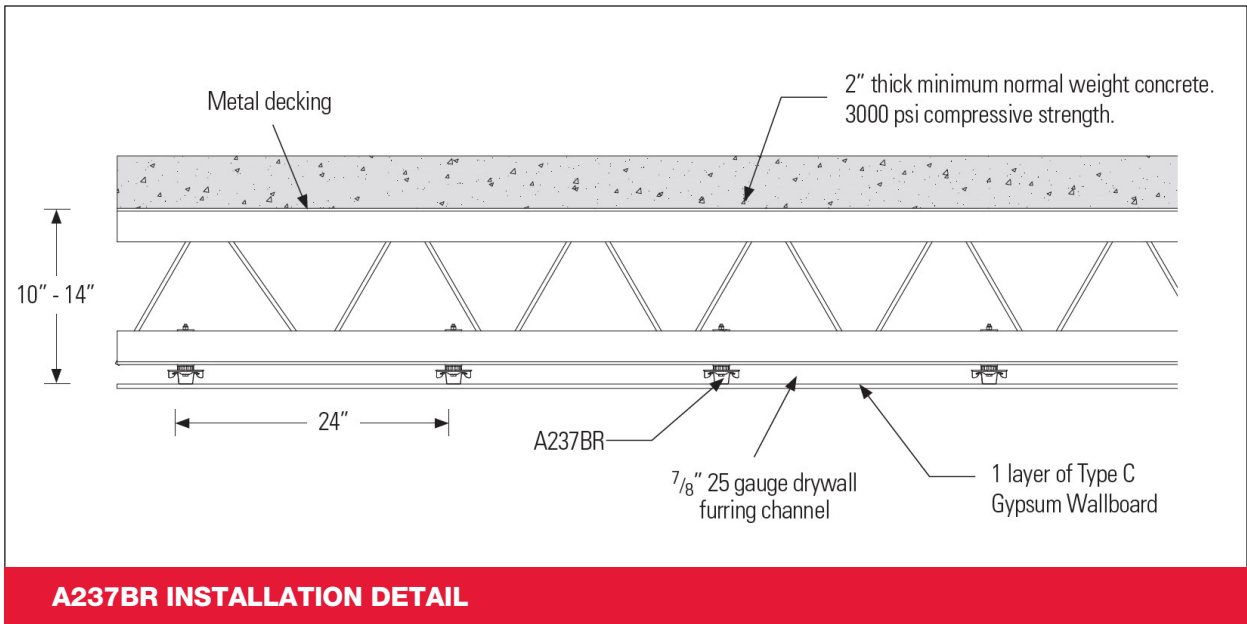


A237BR DIMENSIONS



A237BR INSTALLATION

Resilmount A237BR Submittal Package



WARRANTY

This product is covered by a year warranty. Conditions and limitations of warranties are set out in Studco Project Warranty certificate.



RELATED PRODUCTS

A237 Direct Fix Furring Channel Mount.
A237R Furring Channel Clips - Direct Fixing
A237CR Cold Rolled Channel to Furring Channel Isolation Clip



FURTHER ASSISTANCE

Contact the technical engineering team at Studco Technical Services for assistance with specifications, product selection, acoustic engineering and structural engineering enquiries.
Tel: 800 675 8023 or email sales@resilmount.com

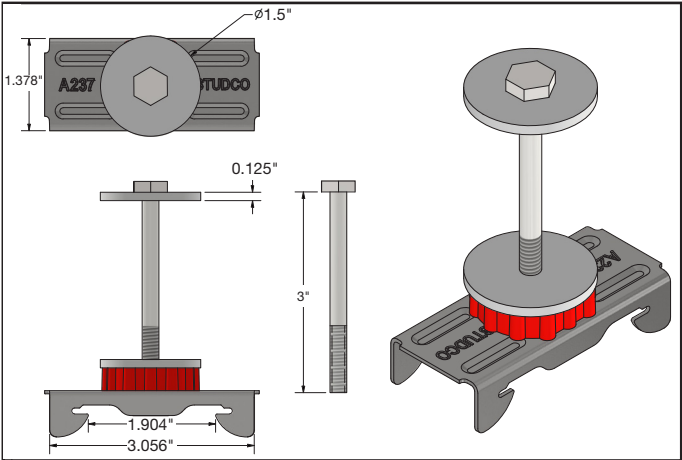


ACCREDITATION/CERTIFICATION

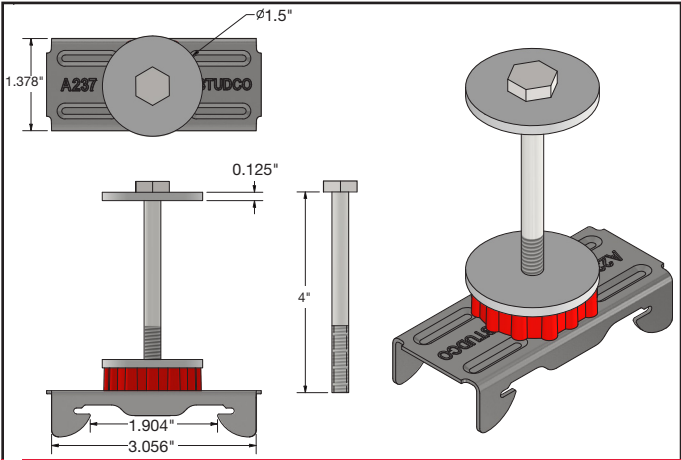


Resilmount A237BR Submittal Package

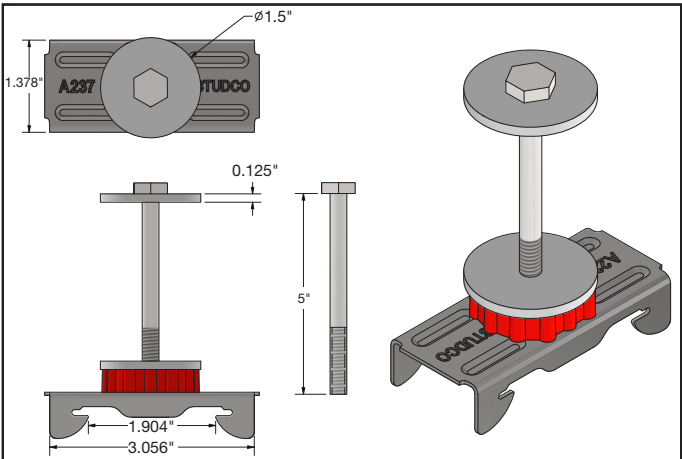
 PRODUCT DIMENSIONS



A237BR-3



A237BR-4



A237BR-5

Resilmount A237BR Submittal Package



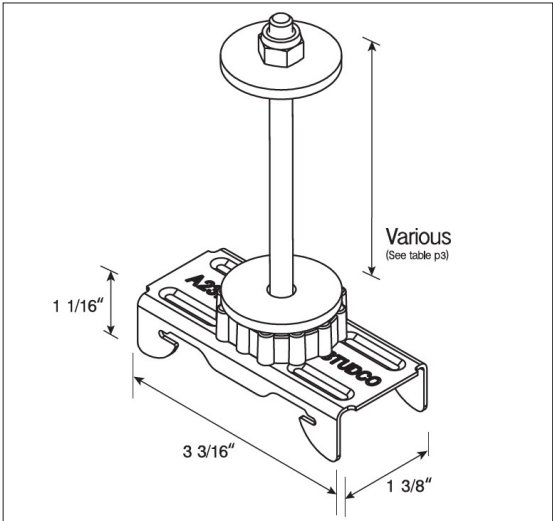
SPECIFICATIONS

Width: 1-3/8"
Height (including rubber): 3-3/16" (A237BR-3)
4-3/16" (A237BR-4)
5-3/16" (A237BR-5)
Length: 3-3/16"
Max spacing between clips: 48" OC
Acoustical Design Load: 37Lbs.



COMPONENTS

A237R Resilient Mount
A300 1/4" x 1-1/2" (1.5") Washer
1/4-20 Nyloc Hex Nute
1/4-20 Bolt (3", 4", 5")
X2 - 1-1/2" x 1/4" Fender Washer

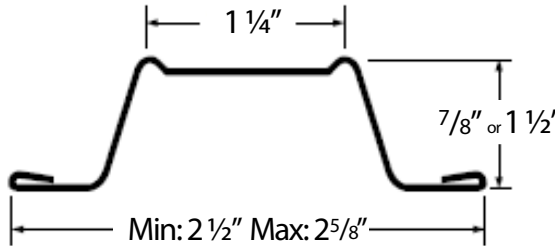


A237BR DIMENSIONS



METAL FURRING CHANNEL SPECIFICATIONS:

Minimum: 25 Gauge with hemmed edge
Depth: Max. 7/8" or 1-1/2" (32 mil.)
Width at top: Max. 1-1/4" (32 mil.)
Width flange to flange: Min: 2 1/2" Max: 2 3/4"
Splicing: Furring channel splicing should take place between the clips. When splicing metal furring channel overlap 6" in between two Resilmount clips. Secure the channel with two 7/16" framing screws or 18 Gauge tie wire can be used.



A237BR compatible with 7/8" or 1 1/2" Furring Channels.

Part No.	Equivalent	Description	Length	Gauge	Mils	Approx. LB/Ft.
FC-7818	087F125-18	7/8" Furring Channel	12	25	18	0.2597
FC-11218	150F125-18	1-1/2" Furring Channel	12	25	18	0.3324
FC-7830	087F125-30	7/8" Furring Channel	12	20	30	0.3659
FC-11230	150F125--30	1-1/2" Furring Channel	12	20	30	0.4723

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IMPORTANT INSTALLATON NOTES

- On Fire Rated Applications the Resilmount A300 Washer must be installed. If this washer is not installed the clip has no Fire Rating.
- Be sure that you have the correct sized bolt for your bar joist. See table for sizing.
- Metal Furring Channels are installed perpendicular to bar joists.
- Install the gypsum board leaving 1/8" - 1/4" thick gap around perimeter to be filled with acoustical caulk.
- Caulk around the entire perimeter of the gypsum board.

Product	Bolt Length	Cord
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CEILING INSTALLATION GUIDE

STEP 1

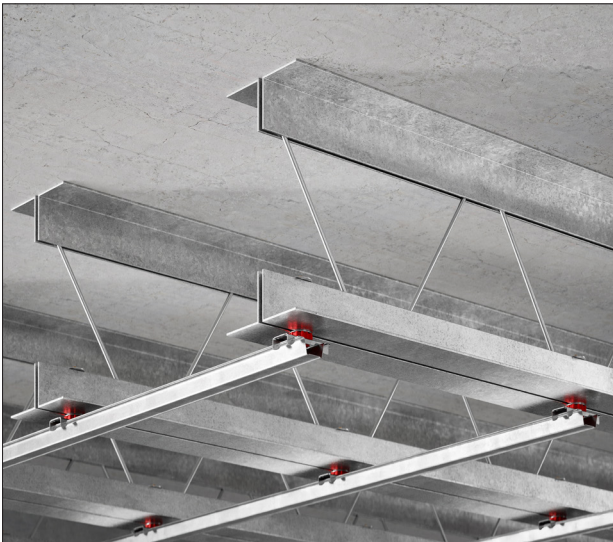
Space Resilmount A237BRs so as not to exceed 48" OC. Thread the 1/4"-20 Bolt (1/4") through the Resilmount A300 Fire washer (1-1/2") and center hole in the A237R.

STEP 2

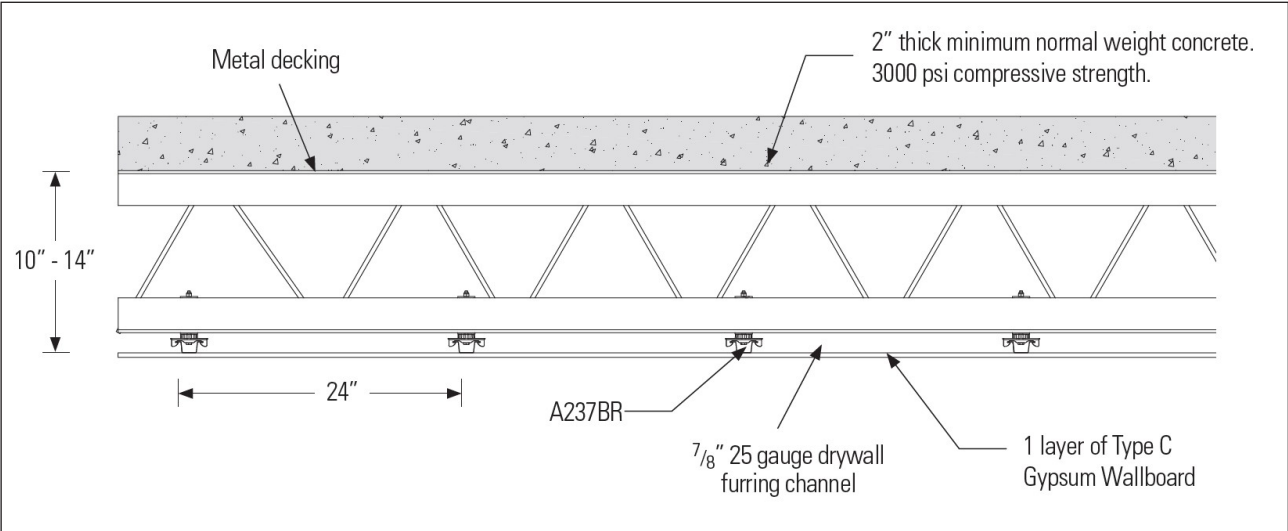
Install the Fender washer over bolt and onto the A237R. Run the bolt up through the parallel chords.

STEP 3

Install another Fender washer over the end of the bolt and fasten with the Nyloc nut. Be sure to tighten enough so that both washers are tight against the chords.



A237CR CEILING INSTALLATION



A237BR INSTALLATION DETAIL