

Resilmount A237CR

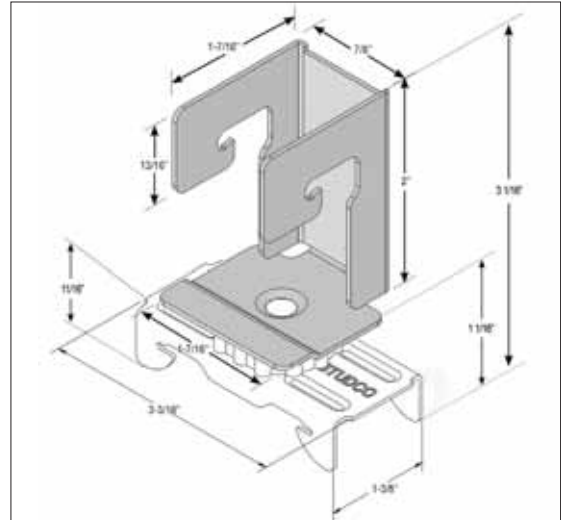
Cold Rolled Channel to Furring Channel Sound Isolation Clip

A237CR SPECIFICATIONS

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

SPECIFICATIONS

Code	Clip Height	Metal Thickness	Clip width x length
A237CR	3 1/16"	0.047" x 18 gauge	1 3/8" x 3 3/16"



A237CR DIMENSIONS

COLD ROLLED CHANNEL SPECIFICATIONS

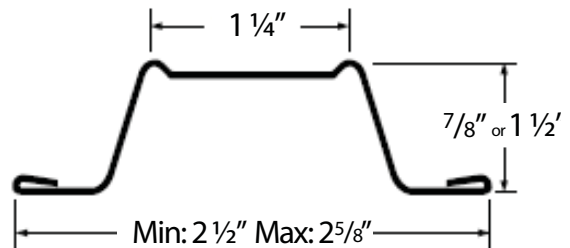
Gauge: 16 gauge (54 mil)
Depth: 1/2"
Width: 1 1/2"
 Request from Studco Building Systems: **CRC-11254**



CRC-11254

METAL FURRING CHANNEL SPECIFICATIONS:

Minimum: 25 Gauge with hemmed edge
Depth: Max. 7/8" or 1 1/2" (15 mil.)
Width at top: Max. 1 1/4" (15 mil.)
Width flange to flange: Min: 2 1/2" Max: 2 5/8"
 When splicing metal furring channel overlap 6 inches in between two Resilmount clips. Secure the channel with two 7/16" framing screws or 18 Gauge tie wire can be used.
Splicing: Furring channel splicing should take place between the clips.



A237CR compatible with 7/8" or 1 1/2" Furring Channel

Part No.	Equivalent	Description	Length	Gauge	Mils	Stock Pack	Approx. LB/Ft.
FC-7818	087F125-18	7/8" Furring Channel	12	25	18	500	0.2597
FC-11218	150F125-18	1-1/2" Furring Channel	12	25	18	500	0.3324
FC-7830	087F125-30	7/8" Furring Channel	12	20	30	500	0.3659
FC-11230	150F125--30	1-1/2" Furring Channel	12	20	30	500	0.4723

Installation Instructions

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CEILING INSTALLATION GUIDE

HANGER WIRES

When installed, hanger wire shall not exceed 48" on center. Install the wires so that they hang plumb with the Cold Rolled Channel (CRC). To not cause lateral force on the 1-1/2" (38mm) CRC, install CRC at the elevation required using a Double saddle tie. Change the side and direction of the double saddle tie on every other wire, so as to restrict the rollover effect on the 1-1/2" (38mm) CRC.

CEILING INSTALLATION GUIDE

STEP 1

Space the A237CR a maximum of 24 inches x 48 inches on center.

STEP 2

Snap the A237CR to the Cold Rolled Channel (CRC).

A237CR can be easily moved along the CRC to line up with the required furring channel spacing.

STEP 3

Space the clips on the perimeter of the ceiling 6" away from the wall.

STEP 4

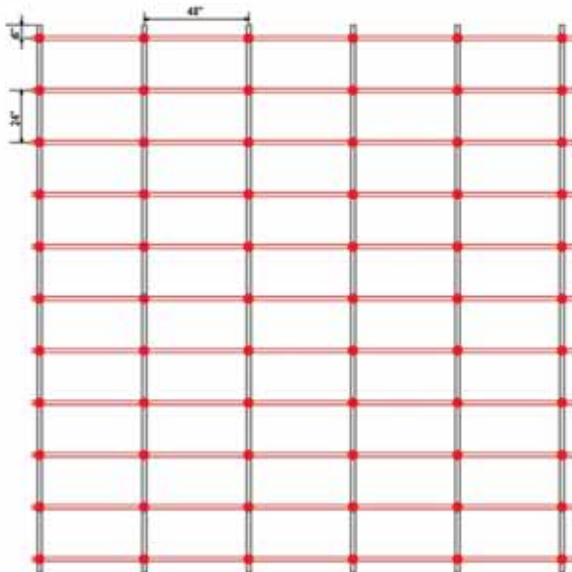
Fasten the cold rolled channel to the ceiling using a minimum 12 gauge wire. If a hanger bracket is needed, we recommend using our M47 right angled bracket.



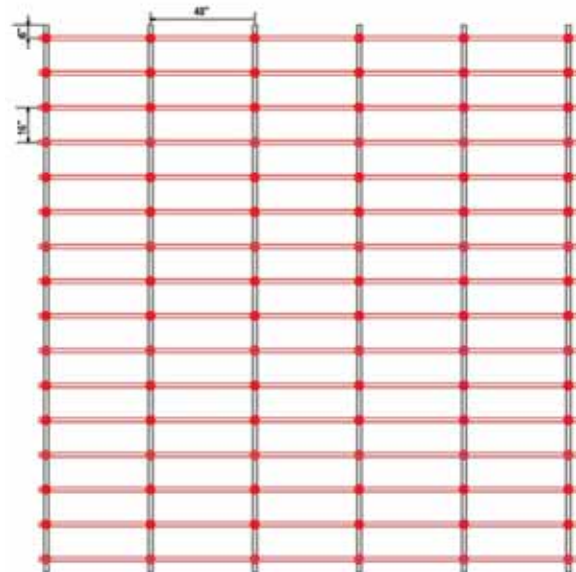
A237CR CEILING INSTALLATION

LAYOUTS

A237CR CLIPS AT 24" X 48" OC



A237CR CLIPS AT 16" X 48" OC



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For Technical Support and Sales Enquiries, please contact Studco Building Systems 800.675.8023

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Installation Instructions

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LOAD SPECIFICATION FOR A237CR

Resilmount Clips are designed to carry furring channel with one or more layers of gypsum wallboard attached. The load capacity of the clips depends on the gauge of the hat channel used.

25 Gauge furring channel carries less load than 20 Gauge channel and performs better acoustically. The maximum design load capacity for the Resilmount Clips in tension (Ceiling Applications) as follows. Design load calculations are based on testing loading to failure where the furring channel deforms.

Maximum Load for Ceiling	2:1 Safety Factor	2.5:1 Safety Factor*
Resilmount Clips w/25 gauge hat channel	45 lbs	36 lbs
Resilmount Clips w/20 gauge hat channel	60 lbs	48 lbs

*Suggested safety factor of 2.5:1 for more critical life safety applications.

Installation Instructions