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RESEARCH REPORT: RR 25835  
(CSI# 06090)

Expires: April 1, 2011  
Issued Date: April 1, 2010  
Code: 2008 LABC

**GENERAL APPROVAL** – Acoustic resilient mounting bracket - Resilmount A237R for Sound Insulation Walls

**DETAILS**

Resilmount A237R™ are acoustic resilient mounting brackets for reducing airborne vibration in wall application.

The use of Resilmount A237R™ is limited to the following wall assemblies:

Resilmount A237R™ sound insulation clip on 2x4 wood studs at 16" on center with a layer of 5/8" gypsum board on clip and a layer of 5/8" gypsum board direct. - STC = 53

Resilmount A237R™ sound insulation clip on 2x4 wood studs at 16" on center with double layers of 5/8" gypsum board on clip and double layers of 5/8" gypsum board direct. - STC = 60

Resilmount A237R™ sound insulation clip on 2x4 steel studs at 24" on center with a layer of 5/8" gypsum board on clip and a layer of 5/8" gypsum board direct. - STC = 56

Resilmount A237R™ sound insulation clip on 2x4 wood studs at 16" on center with double layers of 5/8" gypsum board on clip and double layers of 5/8" gypsum board direct. - STC = 63

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**The approval is subject to the following conditions:**

1. Resilmount A237R™ shall be fastened to the substrate with a fastener approved by the City of Los Angeles only.
2. All penetrations into sound rated partitions or floor-ceiling assemblies shall be sealed, lined, or insulated with an approved permanent resilient sealant.
3. All rigid conduits, ducts, plumbing pipes, and appliance vents located in sound rated assemblies shall be isolated from the building construction by means of resilient sleeves, mounts, or a minimum 1/4" thick approved resilient material.
4. An approved permanent and resilient acoustical sealant shall be provided along the joint between the floor and the separation walls.
5. Metal ventilating and conditioned air ducts located in sound rated assemblies shall be lined (Exception: Ducts serving only exit ways, kitchen cooking facilities, and bathrooms need not be lined).
6. Electrical outlet boxes in opposite faces of separation walls shall be separated horizontally by 24" and note that back and sides of boxes shall be sealed with 1/8" resilient sealant and backed by a minimum of 2" thick mineral fiber insulation.
7. No wall furnace shall be installed in sound rated partitions.
8. No electrical panel shall be installed in sound rated partitions.
9. Resilmount A237R™ shall not be installed at location where non-combustible material is required.

Studco Building Systems

Re: Acoustic resilient mounting bracket - Resilmount™ A237R for sound insulation walls

## **DISCUSSION**

The report is in compliance with 2008 Los Angeles Building Code.

The approval is based on test data as per ASTM E 90.

The sound ratings are based on tests. Impact Insulation Class (IIC) rating of Resilmount A237R™ is not tested.

This general approval of an equivalent alternate to the Code is only valid where an engineer and/or inspector of this Department has determined that all conditions of this approval have been met in the project in which it is to be used.

Addressee to whom this Research Report is issued is responsible for providing copies of it, complete with any attachments indicated, to architects, engineers and builders using items approved herein in design or construction which must be approved by Department of Building and Safety Engineers and Inspectors.

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