

PAC International



REAL SOLUTIONS IN CONSTRUCTION

NOISE CONTROL SOLUTIONS



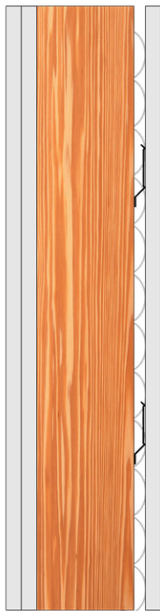
PAC-RCB

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How do you mount heavy items like cabinets on a wall with resilient channels and maintain the wall's sound isolation? This is a very common problem in apartments, hotels, condominiums, and other projects, but until now there hasn't been a tested and proven product that solved this challenge.

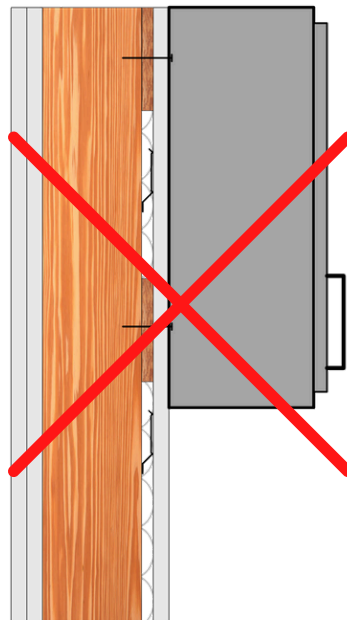
Mounting of cabinets, headboards, and other heavy objects is a major liability on walls with resilient channels. The typical mounting method of placing ½" OSB or plywood between, or in place of, the resilient channels short-circuits the acoustical isolation and dramatically reduces the acoustical performance of the wall. The reduction in performance can cause the wall to not meet the code minimum for sound isolation, a potential liability for all parties involved in the project.

STC 54
M1131.02



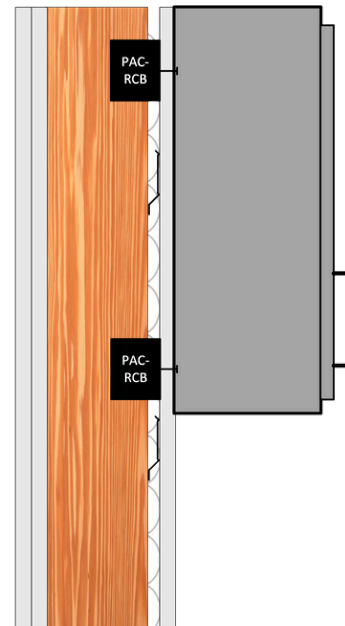
Base Wall

STC 46
M1131.03



**Base Wall + Cabinets
 & Plywood Backing**

STC 54
M1131.05



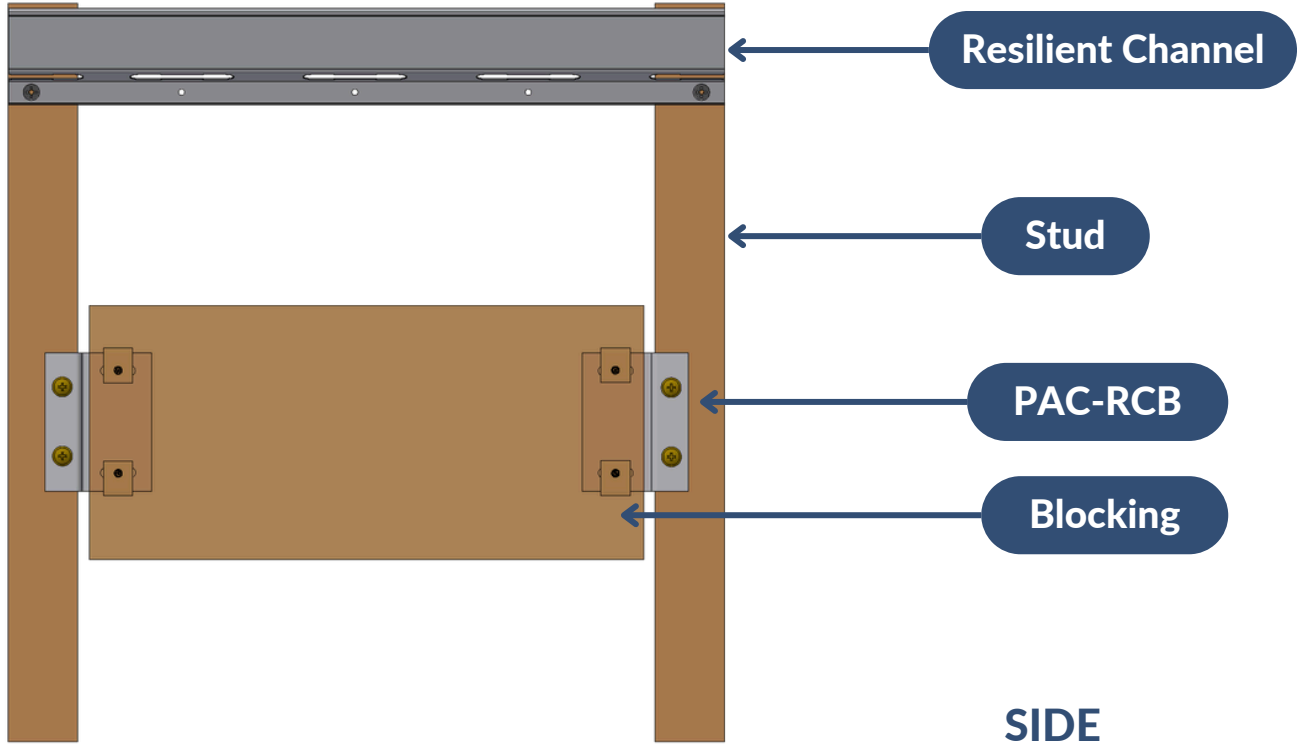
**Base Wall + Cabinets
 & PAC-RCB**

The PAC-Resilient Channel Backer (RCB) is a simple yet effective solution that works on wood and steel studs of all sizes and spacings. The PAC-RCB mounts directly to the face of a stud and provides the proper offset so that the horizontal backer is flush with the resilient channel when installed. Backers can either be nominally 2" thick wood (2x4, 2x6, etc.) or steel box beams formed of steel track and studs. The backer is decoupled from the PAC-RCB bracket using PAC's proprietary rubber isolators and specially designed screws.

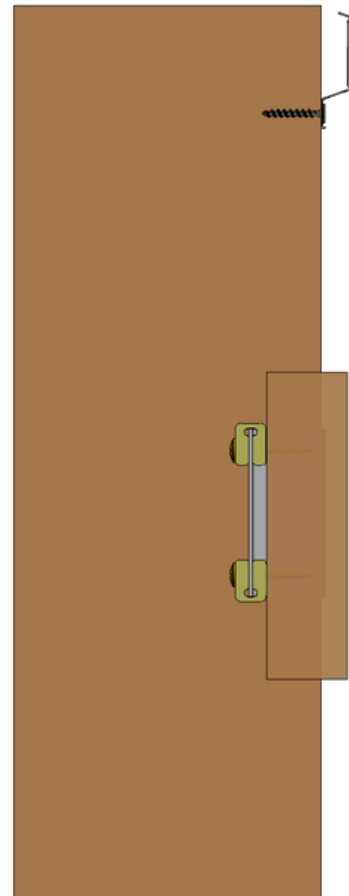
What NOT to do!

Photo provided by: ABD Engineering & Design

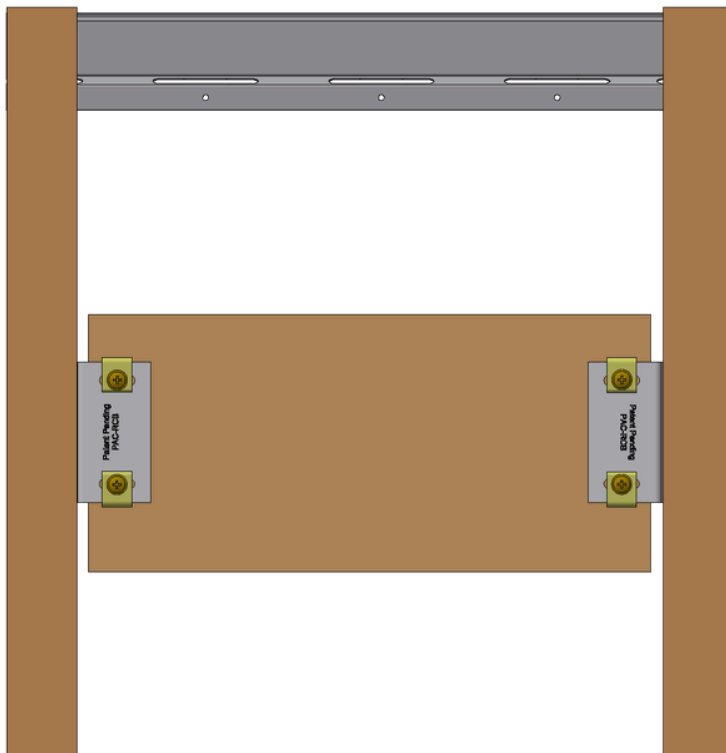
FRONT



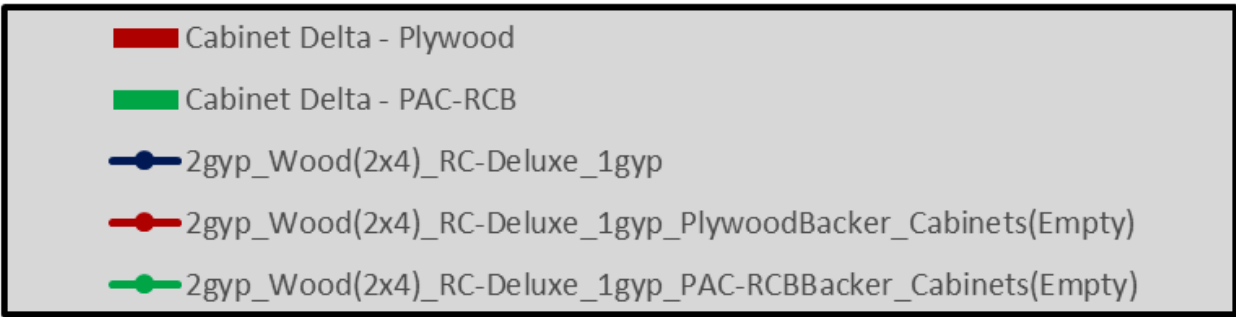
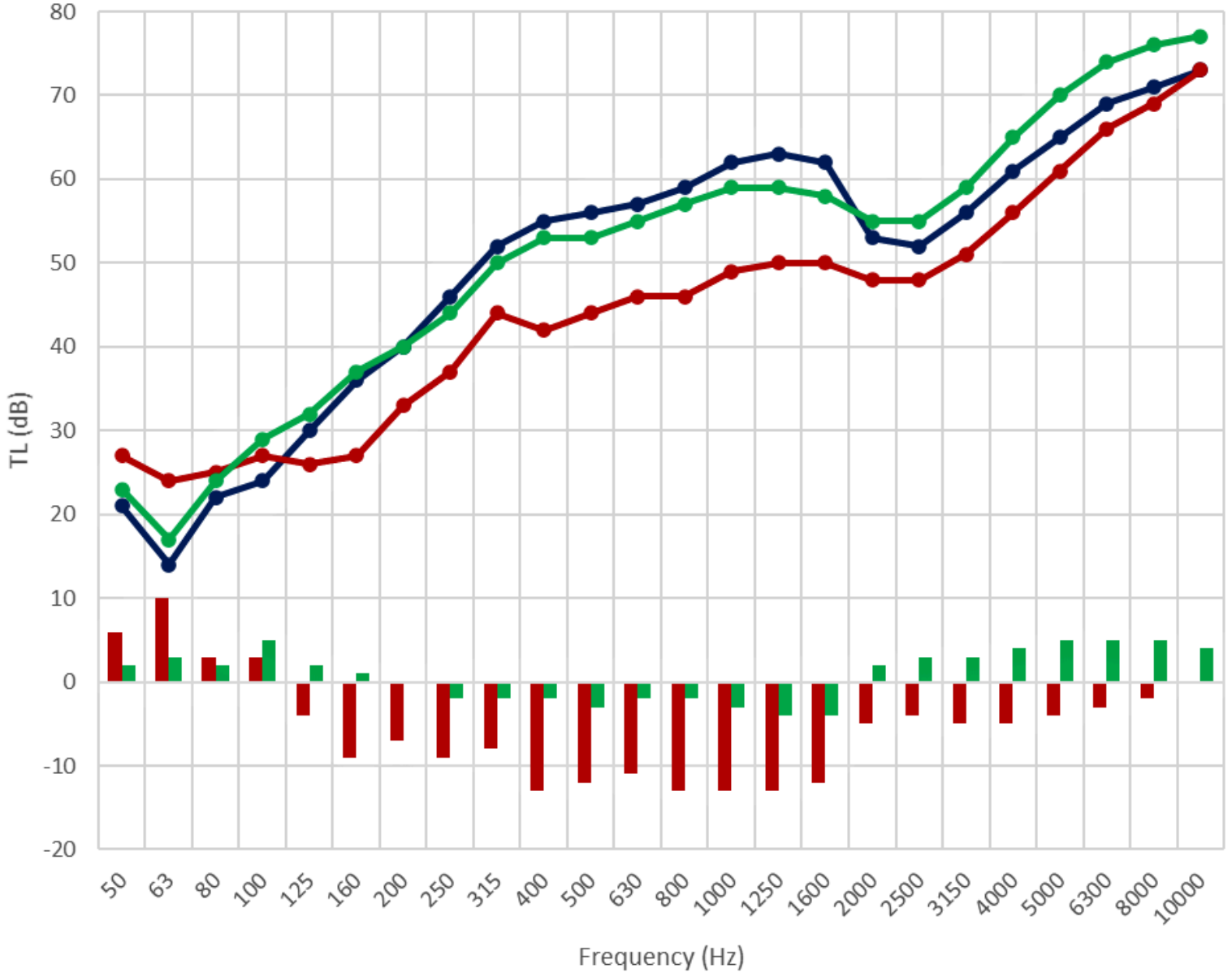
SIDE

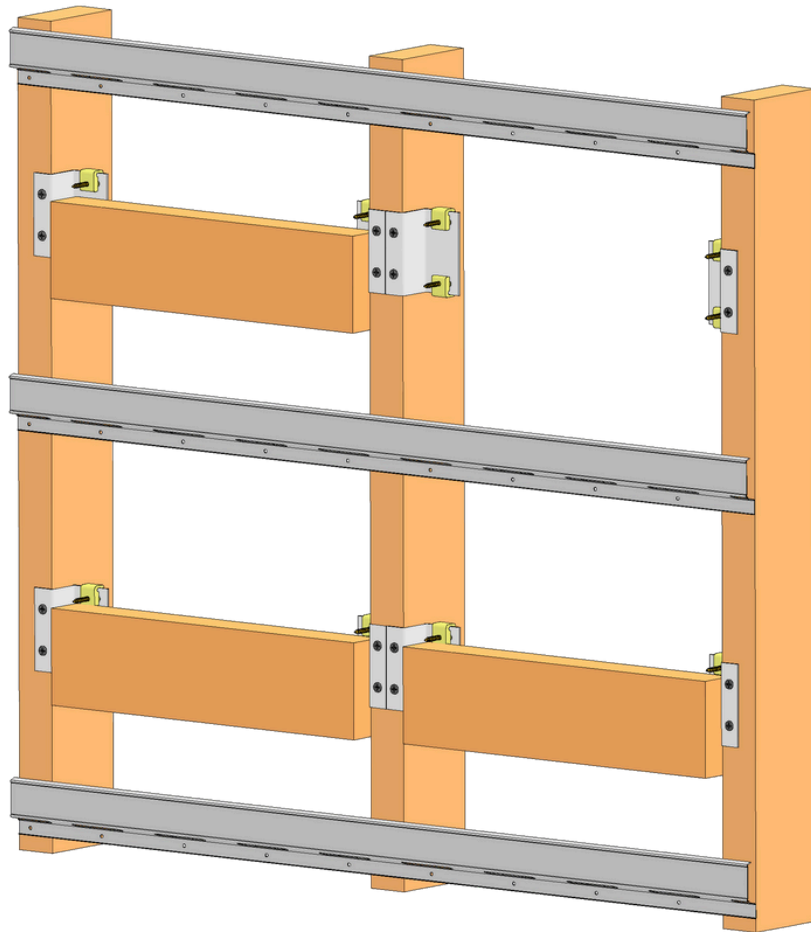


BACK



Effect of Cabinets on Wall with RC-Deluxe





Eliminates short-circuits caused by heavy objects on walls with resilient channel



Tested to maintain the acoustical performance of the base wall



Works with wood and steel studs



Works with any stud spacing

