QuietRock® 545









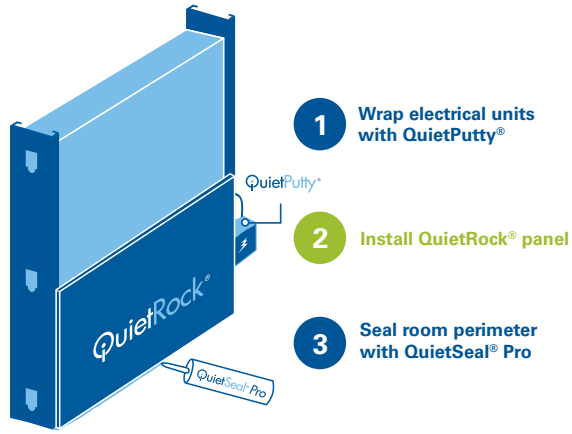




The HIGHEST PERFORMING Sound Reducing Gypsum Panel on the Market

QuietRock® 545 is the only sound damping panel that is designed for maximum sound isolation across a broad frequency range. QuietRock® 545 is ideal for high-end home theaters, commercial theaters, professional studios, music rooms, and other projects where low-frequency mitigation is critical.

The Quiet® Sound Damping System in 3 easy steps:



QuietRock® 545 Benefits

- Highest performing sound damping drywall available
- Exceptional low-frequency performance
- Maximum sound isolation across a broad frequency range
- Ideal for high-end home theaters, studios, commercial theaters, and other sound rooms
- Lab tested and proven to outperform older conventional sound isolation methods
- Offers high STC ratings, tested up to STC 80

QuietRock® 545

QUIET® Sound Damping System
ENGINEERED TO WORK TOGETHER
QuietRock® | QuietSeal® | QuietPutty®



Multi-layer gypsum panel engineered to provide maximum sound attenuation across a broad frequency range. QuietRock® 545 can be used in any application where transmission loss performance is required at low frequencies - ideal for commercial theaters, home theaters, studios, and sound rooms.

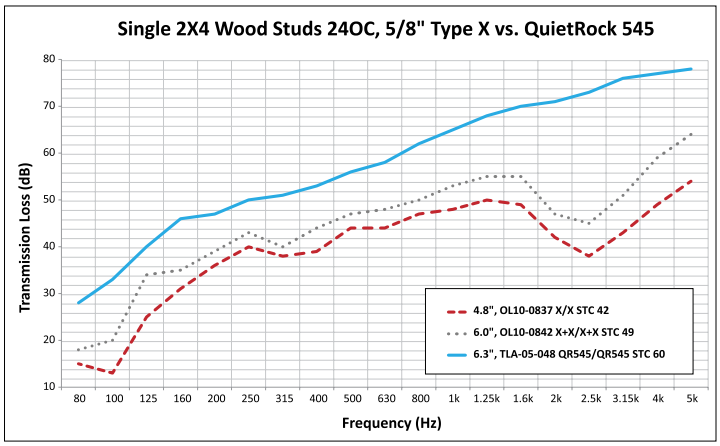
STC Comparison*

1 layer 5/8" gypsum per side	42
6" CMU	45
2 layers 5/8" gypsum per side	49
1 layer QuietRock® 545 per side	**60**

**in single wood stud construction (single 2x4 24" OC)*

Product Specifications:

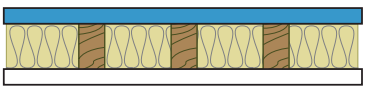
Thickness: 1-3/8" (34.9mm), tapered edge
Width: 4' (1220mm)
Lengths: 8' (2438mm)
Weight: 6.25 lbs/sqft
STC-rated Assemblies (per ASTM E 90): 60-80
Permeability (per ASTM E 695-03): 0
Product Standards: ASTM C 1396
Installation Standards: ASTM C 840; GA-214, GA-216



Common Wall Assemblies:

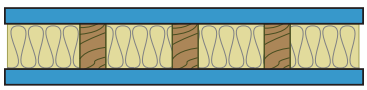
Wood Stud Walls

Single 2x4 wood studs, 16" OC - **STC 49**



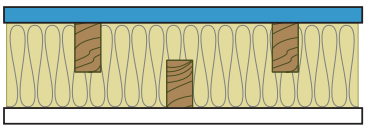
QuietRock® on one side
Type X on the other

Single 2x4 wood studs, 16" OC - **STC 54**



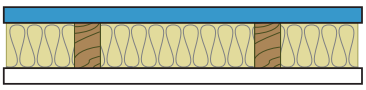
QuietRock® on both sides

Staggered 2x4 wood studs, 8" OC - **STC 64***



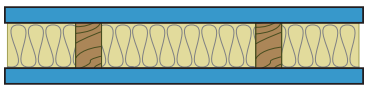
QuietRock® on one side
Type X on the other

Single 2x4 wood studs, 24" OC - **STC 56***



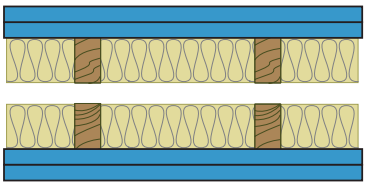
QuietRock® on one side,
Type X on the other

Single 2x4 wood studs, 24" OC - **STC 60**



QuietRock® on both sides

Double 2x4 wood studs, 24" OC - **STC 80**



Double layer QuietRock® on both sides

* Estimated STC based on independent laboratory testing

The information contained in this document is for general purposes only. Features and specifications are subject to change. The diagrams and stated STC ratings are intended to serve as a guide. Construction practices have an influence on final STC ratings. Serious Energy cannot guarantee actual STC ratings. Flanking sound patterns, the integrity of the wall, and construction methods factor in effective sound control. Exposure to excessive or continuous moisture and extreme temperatures of 125°F (52°C) or more should be avoided. QuietRock should be stored flat in a dry area, under cover, on supported risers to prevent damage to product. Proper care should be taken while transporting, storing, applying and maintaining QuietRock.

Memtech Acoustics

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