

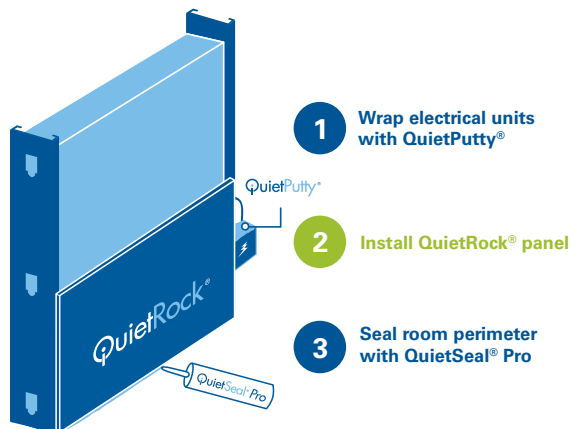
# QuietRock® 545



## 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



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.

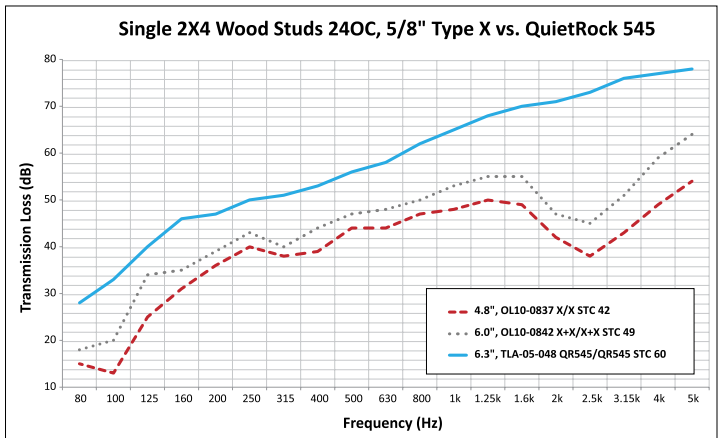
### STC Comparison\*

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

\*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		
<p>Single 2x4 wood studs, 16" OC - <b>STC 49</b></p> <p>QuietRock® on one side Type X on the other</p>	<p>Single 2x4 wood studs, 16" OC - <b>STC 54</b></p> <p>QuietRock® on both sides</p>	<p>Staggered 2x4 wood studs, 8" OC - <b>STC 64*</b></p> <p>QuietRock® on one side Type X on the other</p>
<p>Single 2x4 wood studs, 24" OC - <b>STC 56*</b></p> <p>QuietRock® on one side, Type X on the other</p>	<p>Single 2x4 wood studs, 24" OC - <b>STC 60</b></p> <p>QuietRock® on both sides</p>	<p>Double 2x4 wood studs, 24" OC - <b>STC 80</b></p> <p>Double layer QuietRock® on both sides</p>

\* 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 Gypsum 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.