The world’s only THX-certified panel

QuietRock 545THX is the only THX-certified sound damping wall and ceiling panel designed to meet the high-end requirements of commercial theatres, recording studios and home theatres. QuietRock 545THX delivers superior sound isolation within demanding media and privacy environments, even at 50 Hz.

QuietRock 545THX Benefits

- Highest performing panel in the world
- Delivers STC ratings of 60-80
- Highest total sound loss factor across all frequencies from low to high
- Hangs and finishes like standard drywall
- Outperforms older technologies such as mass loaded vinyl by 60-90%
- Low frequency isolation up to 50dB; high frequency up to 90dB
- Environmentally friendly, lab tested
- Worldwide patents pending

Product Specifications

Model: QuietRock 545THX  
Thickness: 35 mm (1-3/8")  
Weight: 30 kg/m² (6.2 lbs/ft²)  
System STC Range: 60–80  
Permeability: 0  
RSI value (R value): 0.15 (0.88)

Product Ordering Codes

1219 mm x 2438 mm (4' x 8') panel: 313177

Applications

- Home theatres
- Commercial theatres
- Recording studios
- Government
- Offices
- Conference rooms

*in standard wood construction, 610 mm (24")

Read and follow complete QuietRock installation instructions, application notes and test reports. Latest version available at www.QuietRock.com
Lowest-Cost Solutions in the Market

- **Lowest Cost Wall**
  - QuietRock on one side
  - **STC: 56***

- **Staggered Stud Wall**
  - QuietRock on one side
  - **STC: 64***

- **Double Stud Wall**
  - QuietRock on one side
  - **STC: 71***

Retrofit and Remodeling

- **Single Stud Wall**
  - QuietRock on one side of existing drywall
  - **STC: 58***

- **Staggered Stud Wall**
  - QuietRock on one side of existing drywall
  - **STC: 66***

High Performance

- **Double Stud Wall**
  - QuietRock on both sides
  - **STC: 75**

- **Double Stud Wall**
  - Double layer of QuietRock on both sides
  - **STC: 80**

Steel - Single layer assembly with noise reduction

- **Lowest Cost Wall**
  - QuietRock on one side
  - **STC: 62***

- **Single Stud Wall**
  - QuietRock on both sides
  - **STC: 66***

*Estimate

The information contained in this document is for general information purposes only. Features and specifications are subject to change. The diagrams and stated STC ratings listed are intended to serve as a guide. Construction practices have an influence on final STC ratings. Serious Materials cannot guarantee actual STC ratings. Flanking sound patterns, the integrity of the wall, and floor and ceiling construction are important factors in effective sound control.