

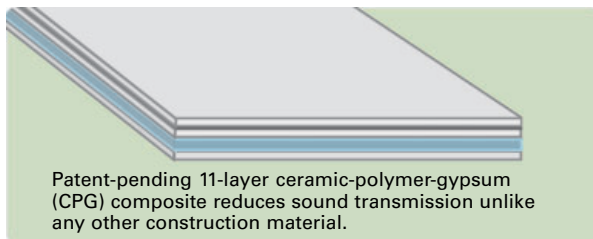
QuietRock[®] 545

THX Certified Soundproof Drywall



QuietRock QR-545 is a THX Certified, internally-damped CPG composite drywall panel specifically designed and engineered to meet THX requirements for demanding media and privacy environments, including commercial theaters, recording studios and home theaters.

- ▶ Provides superior isolation between rooms; keeps noise out and sound in
- ▶ Highest total loss factor across all frequencies from low to high
- ▶ Outperforms older technologies such as mass loaded vinyl by 60% - 90%
- ▶ Low frequency isolation up to 50 dB, high frequency up to 90 dB
- ▶ STC values as high as STC 80 depending on assembly configuration
- ▶ Hangs and finishes like standard drywall



Product Number	QR-545THX4X8
Quiet Class	Solitude
Thickness	1-3/8"
Tolerance	Min - 1.300", Max - 1.450"
Weight (4'x8' panel)	5.4 lbs/ft ² , 180 lbs
STC Rated	56-80 (ASTM E90)
Permeance	(ASTM E96) 0 perms
R Value	(ASTM C518) 0.88 (approx.)

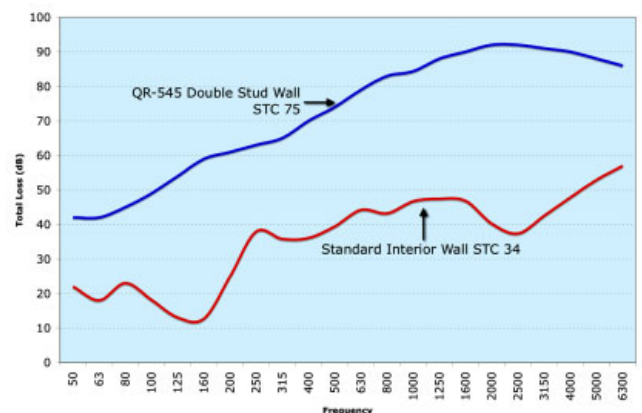
Comparison of Standard Techniques

	STC
Standard interior wall	34
Cinderblock	38
Soundboard (single stud)	42
Mass Loaded Vinyl (single stud)	43
5/8" Gypsum (staggered stud)	46
5/8" Gypsum (double stud)	56
QuietRock QR-545 (single stud)	56
QuietRock QR-545 (double stud)	75
2x QuietRock QR-545 (double stud)	80

Other QuietRock Models Available

- QuietRock 525: lowest cost, 5/8" thick
- QuietRock 530: 1 panel, 6 features, 5/8"

Sound Isolation Performance



Quiet Solution
1250 Elko Drive
Sunnyvale, CA 94089

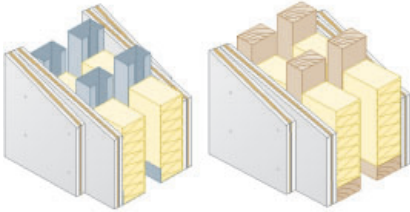
800-797-8159
info@QuietSolution.com
www.QuietSolution.com

Common QR-545 Wall Assemblies

Double Stud Assemblies

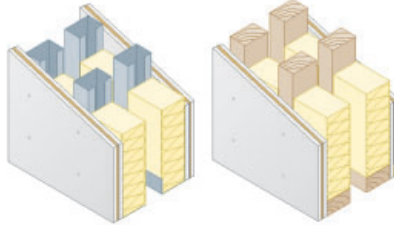
Double layer of QuietRock on both sides

QR-545 Solitude
STC:80



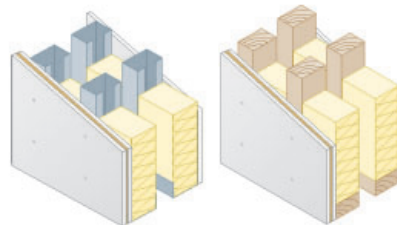
QuietRock on both sides

QR-545 Solitude
STC:75



QuietRock on one side

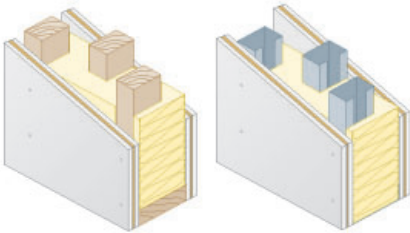
QR-545 Solitude
STC:70



Staggered Stud Assemblies

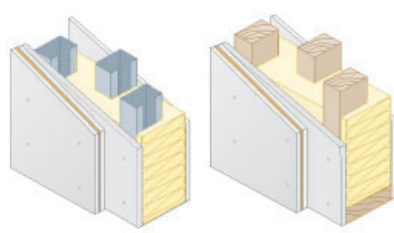
QuietRock on both sides

QR-545 Solitude
STC:68



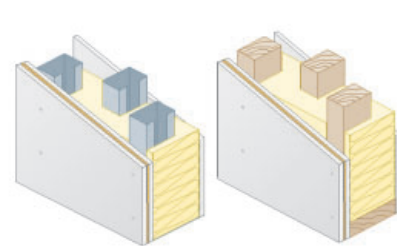
QuietRock on one side of existing drywall

QR-545 Solitude
STC:66



QuietRock on one side

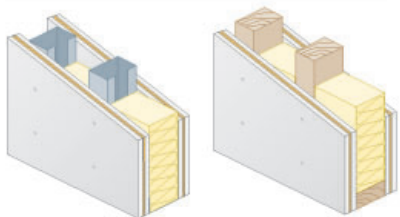
QR-545 Solitude
STC:65



Single Stud Assemblies

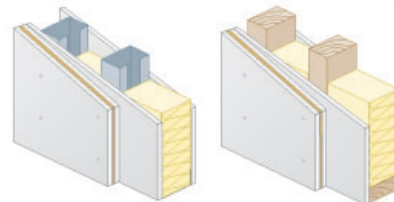
QuietRock on both sides

QR-545 Solitude
STC:60



QuietRock on one side of existing drywall

QR-545 Solitude
STC:58



QuietRock on one side

QR-545 Solitude
STC:56

