The LOWEST-COST SOLUTION for Remodels & Commercial Applications

1/2” QuietRock® 510 is designed to improve Sound Transmission Class (STC) performance at an entry level price. QuietRock® 510 is an excellent choice for boosting STC ratings in remodeling, rehab, and new construction projects where 1/2” panel thickness is desired. QuietRock® 510 installs and finishes like standard drywall, requiring no special tools or training to use.

QuietRock® 510 Benefits

- Great value, offering solid performance at the lowest cost on the market
- Delivers STC ratings of 47-52
- UL classified in select fire rated assemblies
- Ideal for remodels and upgrades – installs over existing drywall, with no demolition
- Continues to reduce noise even when fixtures are installed, such as shelves or lamps
- Only 1/2” thick
- Outperforms other sound damping methods, including soundboard and resilient channel
- Patented technology

1 Not recommended for ceiling applications as a face layer
Common Wall Assemblies:

### Single Light Gauge Steel Frame Walls

| STC 50: | 3-5/8” 25 ga. Steel Studs, 24” o.c. |
| STC 54: | 3-5/8” 25 ga. Steel Studs, 24” o.c. |
| STC 57: | 3-5/8” 25 ga. Steel Studs, 24” o.c. |

- **STC 50:** 1/2” QuietRock® on one side, 1/2” Gypsum on the other
- **STC 54:** 1/2” QuietRock® over Type X on one side, Type X on the other
- **STC 57:** Type X over 1/2” QuietRock® on one side, Type X over Type X on the other

### Single Wood Frame Walls

| STC 47: | Single 2x4 wood studs, 24” o.c. |
| STC 49: | Single 2x4 wood studs, 24” o.c. |
| STC 52: | Single 2x4 wood studs, 24” o.c. |

- **STC 47:** 1/2” QuietRock® over 1/2” Gypsum on one side, 1/2” Gypsum on the other
- **STC 49:** 1/2” QuietRock® on one side, 1/2” Gypsum on the other
- **STC 52:** 1/2” QuietRock® on both sides

### Other Wood Frame Walls

| STC 54*: | Staggered 2x4 wood studs, 8” o.c. |
| STC 69: | Double 2x4 wood studs, 16” o.c. |

- **STC 54:** 1/2” QuietRock® on one side, 1/2” Gypsum on the other
- **STC 69:** QuietRock® on both outer walls

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* Estimated STC based on independent laboratory testing

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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. PABCO® 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® panels 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® panels.

QuietRock® 510 is approved for use as an additional layer on one or both sides of the U300, U400, V400 and W400 wall designs as the face layer or attached to the studs. QuietRock® 510 is approved for use as an additional layer in the L500 and M500 series floor/ceiling assemblies. QuietRock® 510 panel not evaluated nor intended as a substitute for the required layer(s) of UL Classified Gypsum Board in the above listed designs.

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Products Specifications:

- **Thickness:** 1/2” (12.7mm), tapered edges
- **Width:** 4’ (1220mm)
- **Lengths:** 8’ (2438mm), 9’ (2743mm), 10’ (3048mm), 12’ (3658mm)
- **Weight:** 2.13 lbs/sqft
- **STC-rated Assemblies (per ASTM E 90):** 47-52
- **Flame Spread (per ASTM E 84):** Class A
- **Product Standards:** C1766
- **Installation Standards:** ASTM C 840; GA-214, GA-216

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