QuietRock® 530RF



Radio Frequency Shielding, Sound Damping and Fire-Resistant Gypsum Panel

QuietRock® 530RF is a versatile, high performance sound damping gypsum panel that delivers superb noise reduction, radio frequency shielding along with fire and impact resistance. This specialty panel is typically used in the construction of high security environments such as SCIF rooms, government offices and data centers where radio frequency disturbances can affect sensitive data and equipment.

QuietRock® 530RF Benefits

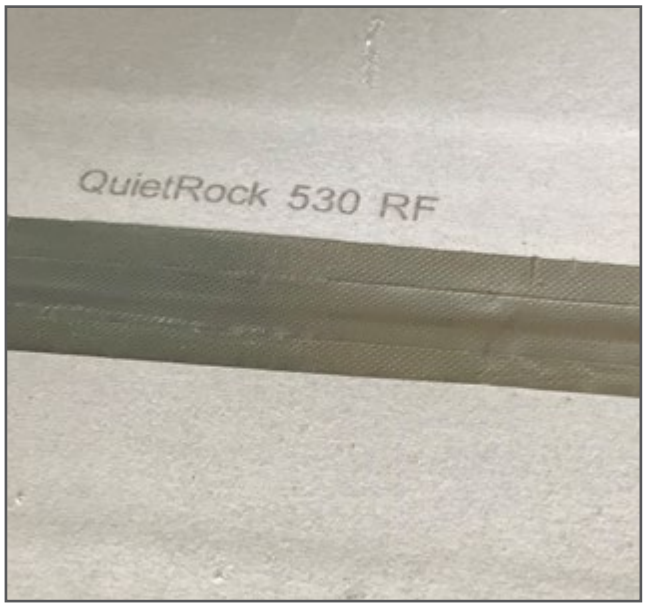
- **Radio Frequency and Noise Shielding** combined in a single product
- **SCIF application approved** – RF shielding tested in accordance with IEEE-STD-2999-1097
- **Single product application** of 530RF instead of multiple layered solutions to address RF shielding, sound, fire and impact resistance
- **Fully grounded metal to metal connected room** without requiring metal or foil underlayment
- **High STC performance** on various assemblies
- **Outperforms other sound attenuation methods**, including multi-layered gypsum panels, resilient channel and soundboard
- **Continues to reduce sound**, even when fixtures are installed
- **1-hour fire rated** – UL & ULC fire-resistant assemblies
- **Shear-rated** (average 487 lbs/ft)
- **Tested in accordance with ASTM E-695-03** impact load testing
- **Versatile** – can be used in load bearing and non-load bearing assemblies

QuietRock® 530RF

Product Specifications:

Thickness: 5/8" (15.9mm), tapered edges
Width: 4' (1220mm)
Lengths: 8' (2438mm), 9' (2743mm), 10' (3048mm), 12' (3658mm)
Weight: 2.88 lbs/sqft
STC-rated Assemblies (per ASTM E 90): 52-74
Fire-rated (per ASTM E 119): 1 hour
Flame Spread (per ASTM E 84): Class A
Permeability (per ASTM E 695-03): 0
Shear-rated (per ASTM E 2126): 487 lb/ft
Installation Standards: ASTM C 840; GA-214, GA-216

UL Assembly:
Approved for use in many one hour fire-rated assemblies including U309, U340, U341, U376, U386, V310, V463, V464, W313, W317, W459, and W460. Ask Memtech Acoustics for additional information on fire-rated assemblies. QuietRock® 530 can be incorporated in several UL designs. However it is not intended as a direct substitute for a UL Classified Gypsum Board in all fire assemblies. Refer to the specific UL designs for assembly details.



Complete the QuietRF® System with QuietSeam® RF and QuietRF® Shielding Tape.

QuietSeam® RF Conductive Compound and QuietRF® Shielding Tape are required components of the QuietRock® 530RF wall assembly in order to maintain metal to metal connectivity.

For complete installation instructions, contact Memtech Acoustics.



QuietRF® Shielding Tape

QuietRF® Shielding Tape is an electrically conductive tape used to maintain metal to metal connectivity at the joints and when QuietRock® 530RF panels are cut to size in the field. Available in 3/4" and 1-3/4" widths.



QuietSeam® RF

QuietSeam® RF is a conductive sealing and bedding compound used to maintain metal to metal and grounded connectivity on field-modified QuietRock® 530RF panels. Available in 1 gallon pails.

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 | 2175 Avon Industrial Dr., Rochester Hills, MI 48309 | 248.289.1123 | sales@memtechacoustics.com | www.memtechacoustics.com

© 2021 PABCO® Gypsum. All rights reserved. PABCO® Gypsum, the PABCO® logo, EZ-SNAP™, Quiet®, QuietRock®, QuietPutty®, QuietSeal® Pro, QuietSeam®, QuietGlue® Pro, and QuietCoat® are trademarks or registered trademarks of Pacific Coast Building Products, Inc. and licensed to PABCO® Gypsum in the United States and other countries. Information subject to change without notice. QuietRock 530 is covered by patent U.S. number 7,798,287 and 7,908,818.