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noise control products

))) Quiet Qurl® RF Products

Reinforced Sound Control Mats

Quiet Qurl® RF is an alternative for all four versions of the standard product. It is designed for use when the gypsum concrete pour is not to standard thickness (1.0" with QQ 52/013 and 55/025, 1.5" with QQ 60/040, and always with QQ 65/075).

The product matches a reinforced fabric and scrim, which are adhered together, in combination with the standard "entangled net" core material.
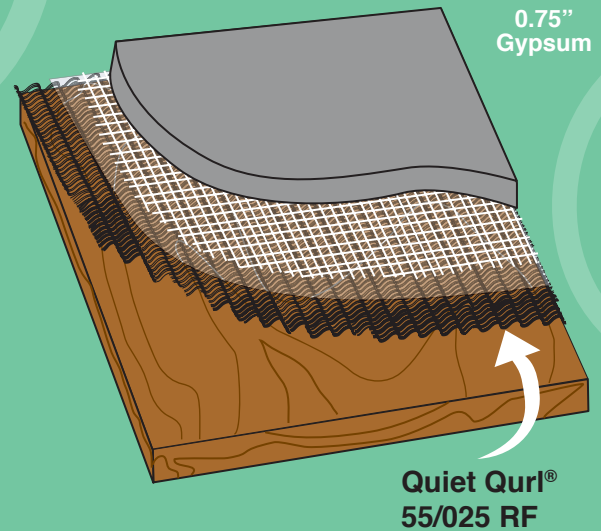
A reinforced fabric is laminated to the surface so that gypsum concrete or concrete can be placed to create a floating floor.

**0.75"
Gypsum**

**Quiet Qurl®
55/025 RF**

✓ **Quiet Qurl® 52/013 RF**
  – used with 0.75" to 0.875" gypsum (from 1")

✓ **Quiet Qurl® 55/025 RF**
  – used with 0.75" gypsum (from 1")

✓ **Quiet Qurl® 60/040 RF**
  – used with 1.0" gypsum (from 1.5")

✓ **Quiet Qurl® 65/075 RF**
  – used with 1.5" gypsum and no second step reinforcement

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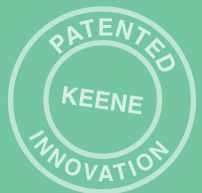
*Patent No.: US 7,096,630
& US 8,146,310*

Benefits

✓ For Sound: QQ provides excellent performance at reducing sound in mid and high frequencies. Highly effective from 100 to 3150 Hz in ASTM E492 testing
✓ Best performance product in wood frame construction when compared to solid mats
✓ For structure: provides the thinnest underlayment thickness available on the market for wood frame
✓ A Class A fire-rated product and passes a Robinson Wheel Test with the following minimum thicknesses: 0.75" with QQ 55/025, 1.0" with QQ 60/040, and 1.5" with QQ 65/075.

*Quiet Qurl® RF is
0.125-0.75 inches thick (3-19 mm)
and sold in 50-to 150-foot
(200-to 600- sq.-ft.) rolls*

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Quiet Qurl® RF Products

Product	Thickness	Length	Area
Quiet Qurl 52/013 RF	0.125 in./3.0 mm	150 ft.	600 sq. ft.
Quiet Qurl 55/025 RF	0.25 in./6.0 mm	100 ft.	400 sq. ft.
Quiet Qurl 60/040 RF	0.40 in./10.0 mm	100 ft.	400 sq. ft.
Quiet Qurl 65/075 N RF	0.75 in./19.0 mm	50 ft.	200 sq. ft.
Accessory Product			
Quiet Qurl Perimeter Isolation	0.125 in./3.0 mm	550 ft.	183.3 sq. ft.

For a complete list of all our products, please contact KBP, or visit our website at www.KeeneBuilding.com

Applications

- Multi-family construction: apartments and condominiums
- When a resilient ceiling is installed
- Radiant-heated flooring when pumped with lightweight concrete or gypsum
- With hard surfaces: concrete, stone, tile, vinyl and hardwood
- With topping layers, such as gypsum concretes, lightweight concrete, mortar beds and plywood. At greatly reduced thicknesses
- With many types of subfloors, and still achieves an IIC of 50 or greater
- Helps to achieve an STC level of 50 or greater with many types of subfloors

Quiet Qurl® Perimeter Isolation

Quiet Qurl® Perimeter Isolation is an accessory to the Quiet Qurl® sound control system designed to stop flanking sound. Flanking paths from the floor to the wall are blocked by this simple material. The void space is filled so that airborne sound cannot pass either. The material is 0.125 inches (3.0 mm) thick and 4.0 inches (10 cm) in width. One side has a sticky film attached, and the seam from wall to floor is made in a more simple manner often without taping.

Installed after the Quiet Qurl® sound mat and overlapped in an "L" shape for added safety in preventing underlayment leaks.

QUIET QURL is a component in an overall floor/ceiling assembly. Its performance is affected by every other component and the likelihood of achieving code compliance is contingent upon many other trades including framers, plumbers, drywall contractors to name a few. Developers and general contractors are responsible for building properly and testing field performance as soon as possible in order to assure the reliability of the project.

WARNING: Laboratory tests are not a guarantee of field performance because of the issues noted above and many other design errors that may occur. Please consult a professional acoustical consultant to assure plans are proper and that the floor/ceiling assembly can perform to expectations.

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