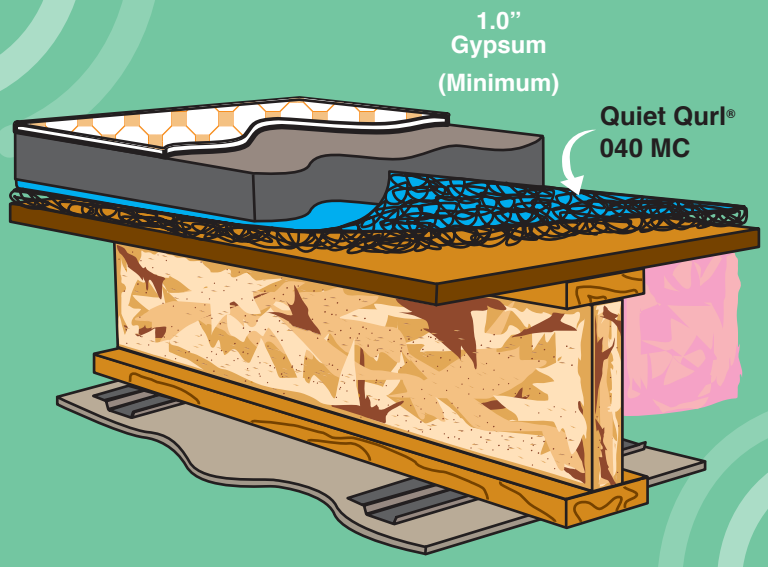
keene
noise control products

Quiet Qurl® 040 Products

Quiet Qurl® 040 products provide extra thickness and resilience needed for high performance. These products perform 2 to 4 points better than quarter inch systems. Quiet Qurl® 040 achieves this improvement with only a 1/8" increase in mat thickness.

Compared to rubber pads twice its thickness, Quiet Qurl® 040 has outperformed the competition time after time.

This product is available with LEED® credit, and with reinforced fabric technology for a thinner gypsum concrete thickness.



- Polypropylene polymer core of tangled monofilaments
- Fabric options include: blue moisture control, reinforced, or muffling technology
- ICBO approval
- Class A fire-rated
- Robinson Wheel tested with the Tile Council of America – "light commercial" rating
- UL-listed

PATENTED KEENE INNOVATION

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

Benefits

- Allows for minimum profile of 1.4" (3.6 cm) and still passes a Robinson Wheel Test (1.0" of Gypsum Concrete)
- Random oriented monofilament design for added resilience and greater vibration noise control
- Allows developers to achieve higher level solution for premium projects with greater flexibility in finished surface choices

Quiet Qurl® 040 is 0.40 inches thick (10 mm) and sold in 50 - 100-foot (200 - 400-sq.-ft.) rolls

Photo: Gypsum concrete being poured on Quiet Qurl®

Quiet Qurl® 040 Products

Product	Thickness	Length	Area
Quiet Qurl 040 MC	0.40 in./10.0 mm	100 ft.	400 sq. ft.
Quiet Qurl 040 MC MT	0.40 in./10.0 mm	50 ft.	200 sq. ft.
Quiet Qurl 040 RF	0.40 in./10.0 mm	100 ft	400 sq. ft.
Quiet Qurl 040 RF MT	0.40 in./10.0 mm	50 ft.	400 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
- 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 limit flanking sound.

Flanking paths from the floor to the wall are limited by this simple material. The void space is filled so that airborne sound cannot flank 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 the wall to the 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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