

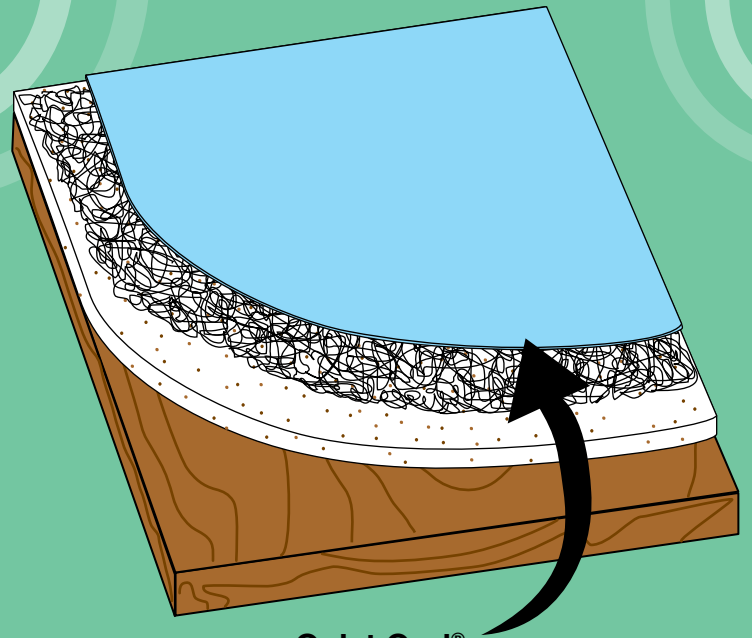


Quiet Qurl® MT Products With Muffling Technology Enhancement

Keene Building Products introduces the first thin profile mat to offer luxury performance in about a quarter inch.

Quiet Qurl® 55/025 MC MT is a nominal 0.25-inch, random filament, corrugated, sound control mat with a "U"-groove core. It is designed to limit impact noise between floors. The core is produced from an extruded polymer matrix of tangled polypropylene monofilaments. A point-bonded, moisture-resistant fabric is laminated to the surface so that gypsum concrete and other materials can be placed to create a floating floor.

On the bottom side of the MT version, a highly compressible polyester fabric is bonded. This muffling fabric almost completely compresses when installed with a 1.25" gypsum concrete floor underlayment. The compressed material adds only five hundredths of an inch to the overall assembly.



**Quiet Qurl®
55/025 MC MT**
(Three layers: moisture control fabric, entangled net core, and white polyester fabric)

- ✓ The MT addition will create an additional 5 IIC points for the assembly, versus the standard version. In laboratory tests, QQ 55/025 MC MT reduces 5 to 7 dB between frequencies of 125 to 2500 Hz
- ✓ Quiet Qurl® is a Class A fire-rated product. It passes a Robinson Wheel Test with 1.25 inches (2.54 cm) of gypsum concrete and a minimum light commercial rating

Benefits

- ✓ First 0.25" sound mat to offer luxury performance
- ✓ Filters AN ADDITIONAL 5 to 7 dB in the lowest frequencies, greatly enhancing IIC performance
- ✓ Prevents the buildup of air pressure in the spring "entangled net" structure
- ✓ Available option for all QUIET QURL versions
- ✓ Adds less than 0.3 ounces per square foot in weight
- ✓ Compresses down to 5/100 of an inch when loaded with a 1.25" gypsum concrete underlayment



Quiet Qurl® MC MT products are 0.25-0.75 inches thick (6-9 mm) and sold in 25- to 50-foot-long (100- to 200-sq.-ft.) rolls

Photo: Quiet Qurl® 55/025 MC MT





Quiet Qurl® MT Products

Product	Core Thickness	Length	Area	Packaging	Roll Weight
Quiet Qurl 55/025 MC MT	0.25 in./6.0 mm	50 ft.	200 sq. ft.	22x22x48 in.	29 lbs.
Quiet Qurl 60/040 MC MT	0.375 in./9.0 mm	50 ft.	200 sq. ft.	24x24x48 in.	48 lbs.
Quiet Qurl 65/075 MC MT	0.75 in./19.0 mm	25 ft.	100 sq. ft.	23x23x48 in.	29 lbs.

Accessory Product

Quiet Qurl Perimeter Isolation	0.125 in./3.0 mm	550 ft.	183.3 sq. ft.	30x30x4 in.	5 lbs.
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For a complete list of all our products, please contact KBP, or visit our website at www.KeeneBuilding.com

Applications

- ✓ Multi-family wood frame and concrete applications
- ✓ For luxury results in a nominal 0.25" sound mat
- ✓ Works with gypsum underlayments from 1.0" in thickness and greater
 - QQ 55/025 MC MT – performance above typical 0.40" entangled net sound mat
 - QQ 60/040 MC MT – performance above typical 0.75" entangled net sound mat
 - QQ 65/075 MC MT – performance above most product available in the market

How it Works

The first step of controlling impact noise is to limit touching.

Quiet Qurl® is a product that prevents contact in over 90% of the areas. Still, the space that it creates pressurizes and passes vibration waves through to the subfloor. By eliminating the pressure in the cavity, Quiet Qurl® creates the best means of secondarily controlling impact noise by adding a highly compressible non-woven fabric to the bottom side of the sound mat. This muffling technology limits the air pressure buildup in the cavity, and enhances IIC performance by 5 to 7 points. This is especially effective in the lower frequencies from 125 to 500 Hz. These octave bands are critical to enhancing performance of the system.



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