



Quiet Qurl® Radiant Reinforcement Fiberglass Fastening for Gypsum Concrete in Sound Applications

Quiet Qurl® Radiant Reinforcement 025 MC is a nominal 0.25-inch (6-mm), channel-pattern, geometric patterned core crack suppression mat used to reinforce gypsum concrete and many types of concrete in radiant tubing applications.

The 0.25" thickness is perfect to provide added strength, and an added layer of nylon provides a mechanical method to tie radiant tubes in place so that they do not float.

Benefits

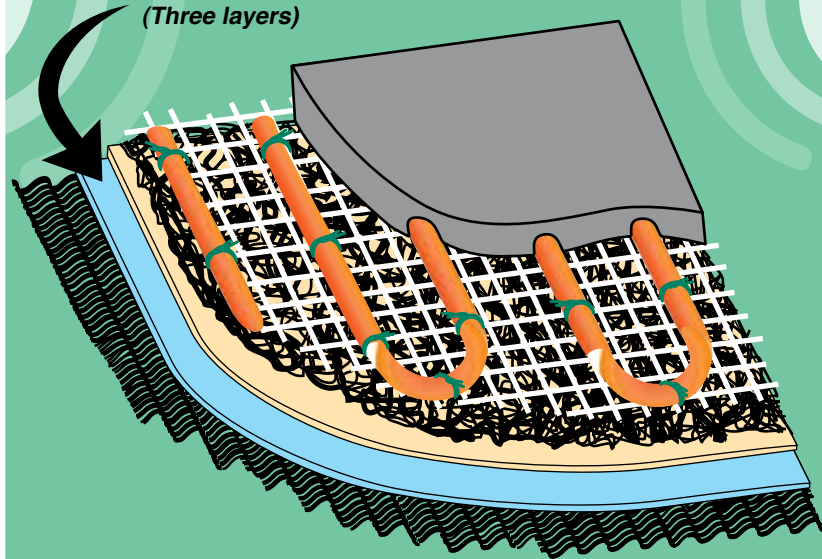
- ✓ Excellent means of tying tubes with wire ties
- ✓ Low-profile, 0.25" thickness allows for a thinner gypsum concrete pour than the 2.0" standard
- ✓ Open nylon reinforcement scrim makes tying easy
- ✓ Lightweight, weighs less than two ounces per sq. ft
- ✓ Provides a means of tying tubes without mechanically fastening to the subfloor
- ✓ Polymer core resistant to most chemicals, adhesives and alkalinity



*Quiet Qurl® RR is 0.25 inches
thick (6-mm) and sold in
50-foot (200 sq. ft.) rolls*

Photo: One Layer of Quiet Qurl RR

Quiet Qurl® Radiant Reinforcement (Three layers)



Sound applications require a loose, unfastened installation. Radiant tubing applications are typically mechanically fastened to the subfloor with staples. Without the mechanical fastening, the radiant tubing will float in a concrete or gypsum concrete underlayment. Even tubes filled with water are lighter than typical underlayment products and can pull away if not properly fastened. In sound control applications, 10 AWG wire reinforcement or expanded metal lathe has been used to wire tie the tubes and provide weight to hold tubes in place, preventing the use of fasteners through a sound control mat. Quiet Qurl® RR utilizes a layer design to provide a means to tie tubes while using the weight of the gypsum concrete to prevent floating. The bottom layer is a moisture resistant fabric that holds the composite in place and the tubes in position.





Quiet Qurl® Radiant Reinforcement

Product	Thickness	Length	Area	Packaging	Roll Weight
Quiet Qurl RR	0.25 in./6.0 mm	50 ft.	200 sq. ft.	19x19x48 in.	35 lbs.

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 where radiant tubes are incorporated for thermal heating
- ✓ With hard surfaces: concrete, stone, tile and vinyl as the final finished floor
- ✓ With topping layers, such as FIRM-FILL gypsum concretes, concrete, lightweight concrete, and mortar beds
- ✓ With thin toppings under the traditional 2.0" (50-mm) thickness



Quiet Qurl® RF FIBERGLASS Reinforced Sound Control Mat

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

The product matches a fiberglass fabric and a fiberglass scrim, adhered together, in combination with the standard "entangled net" core material.

A fiberglass fabric is laminated to the surface so that gypsum concrete or concrete can be placed to create a floating floor.

Quiet Qurl® is 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.



P.O. Box 241353

Mayfield Heights, OH 44124

Info@KeeneBuilding.com

www.KeeneBuilding.com

877 | 514 | 5336

P 440 | 605 | 1020

F 440 | 605 | 1120