

Product Data

Quiet Qurl® 55/025 MC

A Noise Control Mat

Description

Quiet Qurl® 55/025 MC is a nominal 0.25-inch, random-filament, corrugated, “U”-groove core sound control mat designed to limit impact noise between floors. It is produced from an extruded polymer matrix of tangled monofilaments, which are heat welded at the junctions to form a resilient structure that absorbs noise when sandwiched in a mass-spring-mass building design. Designed for critical applications in which gypsum concrete will be utilized, Quiet Qurl® 55/025 MC prevents liquid moisture from passing through to the substrate – an essential quality for wood frame construction.

Quiet Qurl® 55/025 MC, a Class A fire-rated product, allows moisture to continue to evaporate from the bottom side of the topping pour, but prevents trapped moisture, since it continues to allow moisture vapor to pass through.

When used in conjunction with 1.0-inch (2.54-cm) FIRM-FILL 3310 Gypsum Concrete, the combined system can achieve a “LIGHT COMMERCIAL” rating from the Tile Council of America.

Applications

- ✓ Multi-family construction: apartments and condominiums
- ✓ Retrofit applications with ceiling assemblies left exposed – topping won’t pour through the ceiling
- ✓ Radiant-heated flooring when pumped with lightweight concrete or gypsum
- ✓ With hard surfaces: concrete, stone, tile, vinyl and hardwood
- ✓ With topping layers, such as FIRM-FILL gypsum concretes, lightweight concrete, mortar beds and plywood
- ✓ With many types of subfloors (with or without ceiling assemblies, many types of wood structural joists and ceilings)

Features and Benefits

Excellent performance at reducing sound in low and high frequencies

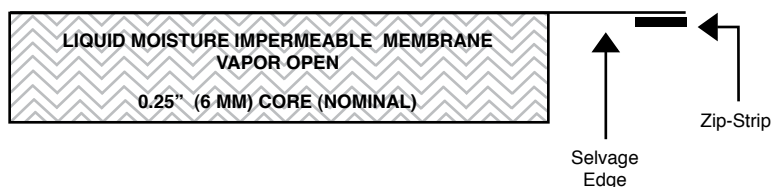
A very good result and one that no other company will have

Performance in wood frame construction and concrete structures

Minimal deflection, and no creep or long-term degradation

Provides a thin profile for tight construction assemblies

Lightweight and easy to handle



Physical Properties

Description	Means of Measurement English/Metric		Value English/Metric	
Core Polymer	Polypropylene			
Thickness	Inches	Mm	0.25	6.0
Total Weight	oz/yd ²	g/m ²	16.2	549
Core Weight	oz/yd ²	g/m ²	14.0	474
Fabric Weight	oz/yd ²	g/m ²	2.2	75

Membrane Physical Properties

Description	Means of Measurement English/Metric		Value English/Metric	
Membrane Polymer	Polypropylene			
Thickness	Inches	Mm	0.2	0.5
Membrane Weight	oz/yd ²	g/m ²	2.2	75
Trapezoidal Tear Strength MD/CD		N/5cm		170/140
Pull Strength MD/CD		N/5cm		60/50

Packaging

Description	Means of Measurement English/Metric		Value English/Metric	
Core Width	Inches	CM	48.0	122
Length	Feet	Meters	100	30.5
Area	Square Feet	Square Meters	400	37.16
Roll Diameter	Inches	CM	22.0	55.9
Roll Weight	Pounds	Kg	45.0	20.4

Impact Insulation Classification

Subfloor Type	Ceiling	Floating Floor Type	Floor	IIC Number
Concrete	No Ceiling	FIRM-FILL Gypsum Concrete	Vinyl	54
Concrete	No Ceiling	FIRM-FILL Gypsum Concrete	Wood	55
Concrete	Ceiling with RC	FIRM-FILL Gypsum Concrete	Vinyl	64
Concrete	Ceiling with RC	FIRM-FILL Gypsum Concrete	Wood	68
Wood Truss Joists	Ceiling with RC	FIRM-FILL Gypsum Concrete	Wood	61
Wood Truss Joists	Ceiling with RC	FIRM-FILL Gypsum Concrete	Vinyl	56

See installation instructions for methods and procedures.

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The preceding paragraph sets forth the exclusive remedy for all claims based on failure of or defect in the goods sold hereunder, whether such failure or defect arises before or during the warranty period and whether a claim, however instituted, is based on contract, indemnity, warranty, tort (including negligence), strict liability or otherwise. The forgoing warranty is exclusive and is in lieu of all other warranties whether written, oral, implied or statutory.



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