

Product 55/025 MC

Product Description



Quiet Qurl™ 55/025 MC is a 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. The monofilaments 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 where gypsum concrete or light weight 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 light weight 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) and still achieve an IIC of 50 or greater.*
- ◆ *Achieve an STC level of 50 or greater in many type subfloors.*

Features and Benefits

- ◆ Excellent performance at reducing sound in low frequencies.
- ◆ Performance in wood frame construction and in concrete structures.
- ◆ Minimal deflection and no creep or long term degradation.
- ◆ Provides a thin profile for tight construction assemblies.
- ◆ Lightweight and easy to handle.

MEMBRANE PHYSICAL PROPERTIES				
DESCRIPTION	MEANS OF MEASUREMENT		VALUE	
	ENGLISH/METRIC		ENGLISH/METRIC	
MEMBRANE POLYMER	POLYPROPYLENE			
THICKNESS	Inches	Mm	.02	.50
MEMBRANE WEIGHT	oz/yd ²	g/m ²	3.0	100
TRAPEZOIDAL TEAR STRENGTH MD/CD		N/5cm		170/140
PULL STRENGTH MD/CD		N/5cm		60/50

PHYSICAL PROPERTIES				
DESCRIPTION	MEANS OF MEASUREMENT		VALUE	
	ENGLISH/METRIC		ENGLISH/METRIC	
CORE POLYMER	POLYPROPYLENE			
THICKNESS	Inch	mm	0.25	6.0
TOTAL WEIGHT	oz/yd ²	g/m ²	17.7	600
CORE WEIGHT	oz/yd ²	g/m ²	14.7	500
FABRIC WEIGHT	oz/yd ²	g/m ²	3.0	100

PACKAGING INFORMATION				
DESCRIPTION	MEANS OF MEASUREMENT		VALUE	
	ENGLISH/METRIC		ENGLISH/METRIC	
CORE WIDTH	Inches	CM	60.0	150.0
LENGTH	Feet	Meters	81.2	25.0
AREA	Square Feet	Square Meters	406	37.5
ROLL DIAMETER	Inches	CM	23.0	47.5
ROLL WEIGHT	Pounds	kg	50.0	22.7

Impact Insulation Classification Quiet Qurl 55-025				
Subfloor type	Ceiling	Floating Floor type	Floor	IIC Number
Concrete	No Ceiling	FIRM-FILL Gypsum Concrete	Vinyl	53
Concrete	No Ceiling	FIRM-FILL Gypsum Concrete	Wood	55
Concrete	Drop Ceiling	FIRM-FILL Gypsum Concrete	Vinyl	64
Concrete	Drop Ceiling	FIRM-FILL Gypsum Concrete	Wood	68
Wood Truss Joists	Drop Ceiling	FIRM-FILL Gypsum Concrete	Wood	61
Wood Truss Joists	Drop Ceiling	FIRM-FILL Gypsum Concrete	Vinyl	56

See installation instructions for methods and procedures.

Limited Warranty: Keene Building Products, Inc. warrants to the initial purchaser only that the goods sold hereunder will be free from defects in material and workmanship and, except as otherwise set forth herein, will conform to the specifications provided. If any failure to meet this warranty appears within one year from the date of shipment of the goods, on the condition that Keene Building Products, Inc. will correct any such failure by either replacing or repairing any defective goods, at Keene Building Products, Inc.'s option.

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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