



## Submittal Sheet

# AccuQuiet™ Sound Mat

### Product Description

AccuQuiet™ is a sound attenuation mat made of three-dimensional polypropylene monofilaments combined with a fabric heat welded to the surface. AccuQuiet™ is designed to reduce the amount of impact noise between floor levels. When used in combination with AccuCrete® floor underlayments airborne and impact sound transmissions can be reduced up to 20 rating points over concrete, and up to 10 points over wood frame construction.

### Applications

- Multi-Family Construction
  - Apartments and Condominiums
  - Hotels and Motels
  - Dormitories
- Hard Surface Areas Over:
  - Ceramic tile
  - Hardwood
  - Stone
  - Marble
- Various open beam assemblies over wood and concrete

### Features and Benefits

- Easy to install
- Excellent in reducing sound transmission at low frequencies
- Low profile (6.5 mm) allowing for thinner (1”) application of AccuCrete® underlayment
- Excellent deflection characteristics
- Cost effective solution for both new and renovation construction
- Increases STC and IIC ratings up to 20 points over concrete assemblies, and up to 10 points over wood frame assemblies
- Full breadth of floor covering options available including stone, marble, ceramic, and hardwood, without sacrificing sound control

### Physical Properties

Filter Fabric				
Raw Material		Units of Measure	Polypropylene	
Weight	EN 1849-1	oz/yd <sup>2</sup> (g/m <sup>2</sup> )	3.39 (115)	±2%
Thickness	EN 1849-1	in (mm)	0.04 (0.9)	±2%
Mean Tensile Strength	EN 12311-1	lbs/ft (kN/m)	513.89 (7.5)	-10%
Mean Elongation (at Max Load)	EN 12311-1	% (%)	50 (28)	±30
CBR Puncture Resistance	EN ISO 12236	lbs (N)	303.48 (1350)	-10%
Cone Drop Test	EN 918	lbs (N)	61.82 (275)	-20%
Water Permeability (Normal to the Plane)	EN ISO 11058	in/s (mm/s)	4.13 (105)	-30%
Opening Size	EN ISO 12956	micron (micron)	90 (160)	±30%

Monofilament			
Raw Material	Units of Measure	Polypropylene	
Weight	oz/yd <sup>2</sup> (g/m <sup>2</sup> )	14.75 (500)	±2%
Thickness	in (mm)	0.26 (6.5)	±10%
Width	in (mm)	51 (1295.4)	