



QuietZone® Acoustic Floor Mat



PRODUCT FEATURES

Description

Lightweight closed cell polyethylene foam acoustic floor mat.

Basic Uses/Related Uses

Acoustically engineered to isolate sound vibrations and impact sounds within a flooring system. Designed to be placed between wood or concrete sub-floor and a plywood, gypsum concrete, or concrete overlayment.

Selection Criteria

- Absorbs impact sound vibrations
- Retains acoustic properties over time
- Resistant to moisture, mold and fungus
- Lightweight rolls, easy to cut and install

Sustainability Criteria

- Contributes to credits in green building programs such as LEED® and Green Globes. For further information see documents: LEED® v4 for Building Design and Construction and Owens Corning® Impact Study - Leadership in Energy and Environmental Design (LEED® v4).

Applicable Standards

ASTM D3575	Foam Test Method
ASTM C303	Standard Test Method for Dimensions and Density of Preformed Block and Board-Type Thermal Insulation
ASTM C518	Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus
ASTM E-84	Standard Test Method for Surface Burning Characteristics of Building Materials

Performance Criteria

Physical Properties	Compressive Strength Vertical Direction: 720/1800 (psf) Compression Set (50% deflection requires a loading of 1800 psf): 19% (81% recovery) Nominal Density: 2.2 pcf	ASTM D3575 Suffix D @ 25%/50% ASTM D3575 Suffix B ASTM C303
Thermal	Thermal Resistance: 1.3 R-Value (hr*ft² °F/BTU)	ASTM C518
Fire	Flame Spread 0; Smoke Developed 70	ASTM E-84
Moisture	Water Absorption: <0.1 (psf)	ASTM D3575
Corrosion	Steel, Aluminum, Copper - Non-corrosive	ASTM C665

Sizes

Roll Length	Roll Width	Thickness
10.7 m (35')	1219 mm (4')	9.5 mm (3/8")
Packaged in Rolls 1219 mm (4') long x 406 mm (16") in diameter		

Delivery and Storage

Deliver products in their original packages, and store in enclosed shelter.

Limitations

Packaging is not UV resistant. Shelter unused packages from the elements.

Safety

Refer to Safe Use Instruction Sheet (SUIS) found in the SDS Database via <http://sds.owenscorning.com>.

PRODUCT PLACEMENT

Installation

- QuietZone® Acoustic Floor Mat must be installed on a clean, dry, level surface, (i.e., a standard wood subfloor or concrete surface)
- Roll out QuietZone® Acoustic Floor Mat across the floor and turn up the mat along each wall so that 75-100 mm (3-4") of the mat rests against the outer layer of the wall
- Install an overlayment made of either two staggered layers of 9.5 mm (3/8") or 12.7 mm (1/2") exterior grade plywood (glued and screwed together for stability) or 38 mm (1 1/2") gypsum/concrete topping
- Make sure that there are no attachments or penetrations through the QuietZone® Acoustic Floor Mat
- Install finished floor
- Trim away excess mat and install based board or trim.

Technical Services Available

For Canadian Technical inquiries please contact local representative. See Technical territory map via www.specowenscorning.ca/contacttech.





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