MasterFormat 09 62 48 – Acoustic Flooring

QUIETZONE® ACOUSTIC FLOOR MAT

Owens Corning® QuietZone® Acoustic Floor Mat is a lightweight closed cell polyethylene foam acoustic floor mat acoustically engineered to isolate sound vibrations and impact sounds within a flooring system. QuietZone® Acoustic Floor Mat is designed to be placed between wood or concrete sub-floor and a plywood, gypsum concrete, or concrete overlayment.

Features

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

Performance Criteria

PROPERTY	VALUE	TEST METHOD
Compressive Strength Vertical Direction	720/1800 (psf)	ASTM D3575 Suffix D @ 25%/50%
Compression Set (50% deflection requires a loading of 1800 psf)	19% (81% recovery)	ASTM D3575 Suffix B
Nominal Density	2.2 pcf	ASTM C303
Thermal Resistance	1.3 R-Value (hr•ft² °F/BTU)	ASTM C518
Surface Burning Characteristics	Flame Spread 0; Smoke Developed 70	ASTM E84
Water Absorption	<0.1 (psf)	ASTM D3575
Corrosion of Steel, Aluminum, and Copper	Pass	ASTM C665

Availability

ROLL LENGTH	ROLL WIDTH	THICKNESS
10.7 m (35')	1219 mm (4')	9.5 mm (⅜")

Packaged in Rolls 1219 mm (4') long x 406 mm (16") in diameter

Installation Instructions

Deliver products in their original packages, and store in enclosed shelter. Packaging is not UV resistant. Shelter unused packages from the elements.

1. QuietZone® Acoustic Floor Mat must be installed on a clean, dry, level surface, (i.e., a standard wood subfloor or concrete surface)
2. Roll out QuietZone® Acoustic Floor Mat across the floor and turn up the mat along each wall so that 76-102 mm (3-4") of the mat rests against the outer layer of the wall
3. Install an overlayment made of either two staggered layers of 9.5 mm (⅜") or 13 mm (½") exterior grade plywood (glued and screwed together for stability) or 38 mm (1½") gypsum/concrete topping
4. Make sure that there are no attachments or penetrations through the QuietZone® Acoustic Floor Mat
5. Install finished floor
6. Trim away excess mat and install based board or trim.

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).

Environmental and Sustainability

Owens Corning is a worldwide leader in building material systems, insulation, and composite solutions, delivering a broad range of high-quality products and services.

Owens Corning is committed to driving sustainability by delivering solutions, transforming markets, and enhancing lives. More information can be found at www.owenscorning.ca or www.owenscorninglibrary.ca.

Technical Services Available

For Canadian Technical inquiries, please contact our technical team at www.owenscorning.ca/contacttech.

Notes
For additional information, refer to the Safe Use Instruction Sheet (SUIS) found in the SDS Database via http://sds.owenscorning.com.

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