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).

Performance Criteria

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

<table>
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<tr>
<th>Roll Length</th>
<th>Roll Width</th>
<th>Thickness</th>
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<tbody>
<tr>
<td>10.7 m (35')</td>
<td>1219 mm (4')</td>
<td>9.5 mm (3/8&quot;)</td>
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</table>

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.
QuietZone® Acoustic Floor Mat

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