170 Sound & Crack Isolation
Anti-fracture Membrane

Designed to be used under thin-bed adhesive for interior floor installations of ceramic tile, marble, stone, and brick to eliminate the transmission of impact noise from one floor to the floor below.

**FEATURES**

<table>
<thead>
<tr>
<th>Benefits</th>
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<td><strong>IIC of 16 per ASTM 2179 and IIC of 44 per ASTM E989</strong></td>
<td>Exceeds code requirement through independent testing</td>
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<td>Eliminates transmission of cracks of up to 1/8&quot; (3 mm) from transferring to the finished floor</td>
<td>Helps to protect the tile installation from unsightly crack disfigurement.</td>
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<td>ASTM C-627 “Light” Robinson floor rating</td>
<td>Durable underlayment allows for use in commercial and light institutional applications.</td>
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<td>Comprised of 89% post consumer recycled content**</td>
<td>Contributes to LEED credits.</td>
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<td>Easy installation</td>
<td>Applies quickly and easily with a suitable LATICRETE thin-set mortar.</td>
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**Suitable Substrates (Interior Use Only)**

- Concrete
- Mortar beds
- Exterior glue plywood
- Cement backer board†
- Cement terrazzo†
- Cement tile and stone†

**Uses**

To eliminate cracks in tile work and reduce noise transmission, 170 Sound & Crack Isolation Mat should be applied to the entire substrate prior to the installation of ceramic tile, marble, stone, terrazzo and brick. Note: Surfaces must be structurally sound, stable and rigid enough to support ceramic/stone tile, thin brick and similar finishes. Substrate deflection under all live, dead and impact loads, including concentrated loads, must not exceed L/360 for thin bed ceramic tile installations or L/480 for thin bed stone installations where L = span length.

**Packaging**

4" x 37.5", 150 ft² (1.2 m x 11.3 m, 13.7 m²) roll; 20 rolls per pallet

**Contact Information**

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* IIC and IIC Ratings based on independent laboratory tests. Complete test reports available upon request. ** See Data Sheet 170.0 for complete product information. † Consult cement backer board manufacturer for specific installation recommendations. ‡ Consult cement backer board manufacturer for specific installation recommendations. − Antimicrobial technology protects the treated article against mold and mildew deterioration. Antimicrobial technology is not designed to replace normal cleaning practices or protect users.

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**Warranty**

25 YEAR Warranty

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**Data Sheet-170.0**