

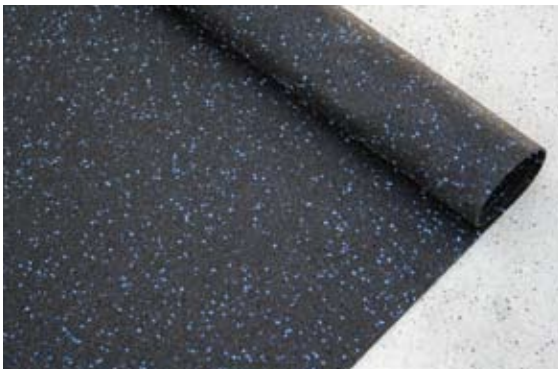


Innovative Tile and Stone  
Installation Systems

# 170 Sound & Crack Isolation Mat



Gaylord National Hotel and Convention Center, National Harbor, MD



- Δ IIC of 20 – Independently tested per ASTM E2179
- Isolates cracks up to 1/8" (3mm) wide from transferring through to tile or stone
- Rated "Light" per ASTM C627
- LATICRETE® 10 Year System Warranty\* available
- Contains 89% post consumer recycled content\*

LATICRETE® 170 Sound & Crack Isolation Mat is a high performance 1/8" (3mm) thick underlayment membrane that provides exceptional sound reduction while simultaneously providing anti-fracture protection for tile or stone installations.

Ideal for hotel, condominium and other applications requiring sound control, LATICRETE 170 Sound & Crack Isolation Mat is specifically designed to be used in conjunction with LATICRETE installation materials.

FEATURES	BENEFITS
ΔIIC of 20 per ASTM E2179* IIC of 65 per ASTM E492*	Maximum sound protection over concrete slabs – exceeds code requirements. Independent test reports available.
ASTM C627 – “Light” Robison Floor Rating	Durable underlayment allows for use in light commercial applications.
Part of LATICRETE® 10 Year Systems Warranty*	Complete system available – mortar, mat and grout! Single source responsibility provides you peace of mind and assurance.
Comprised of Recycled Content – 89% Post Consumer Recycled Content	Contribute to LEED credits!
Easy Installation	Applies quickly and easily with a suitable LATICRETE thin-set mortar.

## Uses

- 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.
- To eliminate cracks in tile work and reduce noise transmission, LATICRETE® 170 Sound & Crack Isolation Mat should be applied to the entire substrate prior to the installation of ceramic tile, marble, stone, terrazzo and brick.
- Adhesives/mastics, mortars and grouts for ceramic tile, pavers, brick and stone are not replacements for waterproofing membranes. When a waterproofing membrane is required, use a LATICRETE Waterproofing Membrane (see Section 10 FILING SYSTEMS).
- 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/brick installations or L/480 for thin bed stone installations where L = span length.

## Suitable Substrates (Interior Use Only)

- Concrete
- Mortar Beds
- Exterior Glue Plywood
- Cement Backer Board<sup>^</sup>
- Cement Terrazzo<sup>†</sup>
- Cement Tile and Stone<sup>†</sup>

## Packaging

- LATICRETE 170 Sound & Crack Isolation Mat:  
4' x 37.5' ft (150 ft<sup>2</sup>),  
1.2 m x 11.3 m (13.7 m<sup>2</sup>) roll,  
20 rolls per pallet

## Limitations

- DO NOT bond to particle board, OSB, luan, Masonite® or hardwood surfaces.
- For horizontal use over suitable interior substrates only.
- DO NOT double stack pallets.
- Not for use over expansion joints or structural movement cracks.
- LATICRETE 170 Sound & Crack Isolation Mat is not intended for use as a waterproofing membrane.

\* See Data Sheet 170.0 for complete product information and Data Sheet 230.12 for complete warranty information.

<sup>^</sup> Consult cement backer board manufacturer for specific installation recommendations.

<sup>†</sup> If skim coated with a suitable LATICRETE thin-set mortar.

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