



GenieMat® RST

Reduced Sound Transmission Mat

**Globally Proven
Construction Solutions**

GenieMat® RST reduced sound transmission mat is a high performance acoustical underlayment that is engineered to reduce impact noise through ceramic tiles, stone and other hard surface materials. GenieMat RST is easy to install and will not break down under load. GenieMat RST is a flat, resilient, reduced sound transmission mat made from 94% recycled rubber content.



FEATURES/BENEFITS

- Reduces sound transmission and isolates impact.
- Eliminates transmission of substrate cracks of up to 3 mm from transferring to the finished floor
- Load bearing — Extra heavy and moderate commercial ratings.
- Meets ANSI A118.12 point load requirements
- Easy and fast to install with standard tools

SUITABLE SUBSTRATES

- Concrete
- Mortar bed
- Exterior grade plywood
- Other wood substrates
(consult LATICRETE® Technical Services)
- Cement backer board*
- Cement terrazzo
- Ceramic tile and stone

*Consult cement backer board manufacturer for specific installation recommendations

USES

- Designed to be used under thin-bed adhesive for floor installations of ceramic tile, marble, stone, and brick to eliminate the transmission of impact noise from one floor to the floor below.
- Eliminates the transmission of stresses from the concrete base slab to the tile installation
- Combines low installed weight with minimal "above substrate" thickness.
- To eliminate cracks in tile work and reduce noise transmission, GenieMat RST should be applied to the entire substrate prior to the installation of ceramic tile, marble, stone, terrazzo and brick.

STANDARDS / CERTIFICATIONS

- ISO 717.2
- ASTM E492
- ASTM E2179
- ASTM C627
- ASTM D5116
- ANSI 118.12 (5.2)

MANUFACTURER

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Packaging/Approximate Coverage/Application type

GenieMat® RST Product	Thickness	Roll Size	Robinson Floor Test Text (ASTM C627)
RST02	2 mm	1.22m X 22.90m	Extra heavy commercial
RST03	3 mm	1.22m X 9.14m	Moderate commercial
RST05	5 mm	1.22m X 9.10m	Moderate commercial
RST10	10 mm	1.22m X 4.57m	Light commercial
RST12	12 mm	1.22m X 4.57m	Light commercial
RST15	15 mm	1.22m X 4.57m	Light commercial

NOTE: RST10, RST12 & RST15 are available on order.

Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for two (2) years if stored at temperatures >0°C and <43°C.

Limitations

- DO NOT bond to particle board, OSB, luan, Masonite® or hardwood surfaces.
- For horizontal use over suitable substrates only.
- DO NOT double stack pallets.
- Not for use over expansion joints or structural movement cracks.
- GenieMat® RST is not intended for use as a waterproofing membrane.
- 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.
- Minimum tile size to be installed GenieMat RST is 100mm x 100 mm.
- Contact LATICRETE for written verification of any exterior installation.

Cautions

- During cold weather, protect finished work from traffic until fully cured.
- For green marble, resin backed or other moisture sensitive tile or stone, use LATAPOXY® 300 Adhesive.
- For white and light-coloured marbles use 254 Platinum (WHITE).
- Keep out of reach of children.

TECHNICAL INFORMATION

VOC Product Information

Green Building Council of Australia Green Star Design and Interior VOC: 3grams/litre

INSTALLATION

Surface Preparation

Concrete shall be in place for 28 days (minimum) and shall be dry. The surface shall have a smooth finish and be free of voids, sharp protrusions and loose aggregate. All surfaces should be between 8°C and 35°C and structurally sound, clean and free of all dirt, oil, grease, paint, concrete sealers or curing compounds and cement laitance. Rough or uneven concrete surfaces should be made smooth with a LATICRETE latex Portland cement underlayment to provide a wood float or better finish.

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/720 for thin bed stone installations where L= span length.

Do not level with gypsum or asphalt based products.

For minimum construction requirements for interior plywood floors, please refer to LATICRETE Technical Data Sheet 1152 "Bonding Ceramic Tile, Stone or Brick Over Wood Floors".

Application

Perimeter Isolation Strip

It is essential that all walls and building elements are isolated from the floor. The use of acoustical ceiling panels in the space below would provide additional sound control.

It is recommended to install a perimeter isolation strip before placing and trimming GenieMat RST. Place the perimeter isolation strip to the perimeter wall of the entire subfloor, as well as restraining surfaces (e.g. stairs, kitchen islands, walls, etc.) and around the perimeter of any protrusions, in order to isolate or break the vibration transmission path between the floor and the wall.

Temporarily fasten perimeter isolation strip in place with masking, duct, or carpet tape. Finish off all perimeter joints with a suitable acoustical grade sealant.

GenieMat RST installation instructions:

Use 254 Platinum, 335 Premium or other appropriate LATICRETE tile adhesive to adhere the GenieMat RST to the substrate. Use an appropriately sized notched trowel to achieve full coverage. Comb adhesive over substrate, apply only enough adhesive as can be covered in 15 - 20 minutes or whilst the adhesive is still wet and tacky. Unroll the GenieMat RST into place, in the thin-set adhesive. Once installed, use a 16kg roller to embed the GenieMat RST firmly into the thin-set adhesive. Allow to cure for a minimum of 24 hrs at 21°C.

Install GenieMat RST over the area to be treated, do not overlap edges but be sure edges of each piece butt firmly together. Trim length of mat to desired length and width. Once fully cured, install ceramic tile, porcelain or stone finish directly over the GenieMat RST using a LATICRETE polymer modified thin-set adhesive. Follow instructions on adhesive packaging.

AVAILABILITY AND COST

Availability

LATICRETE and LATAPOXY materials are available worldwide.

For Distributor information:

Toll Free: 1800 331 012

Telephone: 07 3865 1599

For online distributor information, visit LATICRETE at www.laticrete.com.au

Cost

Contact a LATICRETE Distributor in your area.

MAINTENANCE

LATICRETE and LATAPOXY grouts, sealers and sealants require routine maintenance and cleaning with a neutral pH detergent and water. See TDS 1113 for more information.

All other LATICRETE and LATAPOXY non-finish materials require no maintenance but installation performance and durability may depend on properly maintaining products supplied by other manufacturers.

TECHNICAL SERVICES

Technical assistance

Information is available by calling:

Toll Free: 1800 331 012

Telephone: 07 3865 1599

Fax: 07 3865 2250

Technical and safety literature

To acquire technical and safety literature, please visit our website at

www.laticrete.com.au

DISCLAIMER

- The information contained in this document is given in good faith and to the best of our knowledge is true and accurate.
- This information is subject to change without notice and it is the responsibility of the user to obtain up to date and current information.
- The use of this product is beyond our control and LATICRETE® is not responsible for any loss or damage arising from the incorrect use of this product.
- Efflorescence is a normal condition of Portland cement and is not covered by any warranty. The use of LATAPOXY® 310 Stone Adhesive, LATAPOXY 300 Adhesive, LATAPOXY SP-100, SPECTRALOCK® PRO Premium Grout† and SPECTRALOCK 2000 IG will not contribute to any noticeable efflorescence.

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† United States Patent No.: 6,881,768 (and other Patents)