



GenieMat® RST

GenieMat® RST 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.

**Globally Proven
Construction Solutions**



FEATURES/BENEFITS

- Eliminates transmission of substrate cracks of up to 3mm (1/8") from transferring to the finished floor
- Ln, w 55 dB and Rw + Ctr 50 as per ISO 717 calculation
- Load bearing – up to Extra Heavy Commercial service rating per ASTM C627/TCA
- Meets ANSI A118.12 specifications*
- Easy and fast to install with standard tools
- Available in various thicknesses (2mm–15mm)
- Combines low installed weight with minimal “above substrate” thickness.

* Interior dry applications only

USES

- For interior use only
- Concrete
- Mortar bed
- Exterior grade plywood
- Other wood substrates (consult LATICRETE Technical Services)
- Cement backer board*
- Cement terrazzo
- Ceramic tile and stone
- 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, GenieMat RST should be applied to the entire substrate prior to the installation of ceramic tile, marble, stone, terrazzo and brick.

*Consult cement backer board manufacturer for specific installation recommendations.

STANDARDS/CERTIFICATIONS

ISO 717.2
ASTM E492
ASTM E2179

ASTM C627
ASTM D5116
ANSI 118.12 (5.2)



This product has a cradle-to-gate (with options) Product-Specific (Type III) Environmental Product Declaration. The PCR review, life cycle assessment and declaration were independently verified by UL Environment in accordance with ISO 14025, ISO 14040 and ISO 14044



This product has been certified for Low Chemical Emissions (ULCOM/GG UL2818) under the UL GREENGUARD Certification Program For Chemical Emissions For Building Materials, Finishes and Furnishings (UL 2818 Standard) by UL Environment.

MANUFACTURER

LATICRETE EUROPE S.R.L .

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Packaging

GenieMat® RST Product	Thickness	Roll Size	Robinson Floor Test (ASTM C627)
RST02	2 mm	1.22mx22.90m	Extra Heavy Commercial
RST05	5 mm	1.22mx9.10m	Moderate Commercial
RST10	10 mm	1.22mx4.57m	Light Commercial
RST12	12 mm	1.22mx4.57m	Light Commercial
RST15	15 mm	1.22mx4.57m	Light Commercial

NOTE: These are all 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 $>0^{\circ}\text{C}$ and $<43^{\circ}\text{C}$.

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.
- 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.

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.

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 $L/480$ 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.

LATICRETE 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.

shown are typical but reflect test procedures used. Actual field performance will depend on installation method and site conditions.

AVAILABILITY AND COST

Availability

GenieMat® RST is available to order.

LATICRETE® materials are available worldwide. For distributor information, please contact LATICRETE EUROPE S.r.l.

Telephone +39 059557680.

For on-line distributor information, visit www.eu.laticrete.com

Cost

Contact LATICRETE® to obtain complete information and cost.

WARRANTY

The supplier warrants that the product will not deteriorate under normal conditions and use. The warranty validity of one (1) year. Contact Technical Support for further information.

MAINTENANCE

LATICRETE® products are of high quality designed to achieve lasting installations and avoid maintenance, however performance and durability may depend on properly maintaining products, depending of the cleaning products used.

TECHNICAL SERVICES

Technical assistance

For information contact: +39 059557680

technicalservices@laticreteeuropa.com

Technical and safety literature

To obtain technical and safety literature, please visit our website at www.laticrete.eu

Warning

The information and the instructions in the data sheet, although based on knowledge gained through years of applications, are indicative. LATICRETE® unable to directly control the installation conditions and modalities of application of products, do not assume any liability arising from their implementation. Those who want to use the LATICRETE® products must conduct adequate tests to determine the site specifications. Results