

GENIEMAT[®] RST02

SOUND CONTROL UNDERLAYMENT



PRODUCT SPECIFICATION

PRODUCT NAME: GenieMat RST02

DESCRIPTION: Robust reduced sound transmission mat made from 94% recycled rubber content used when superior sound control is required in multifamily housing, high-rises, or commercial buildings.

APPLICATION: Flat, resilient underlayment that is used directly under a variety of floor finishes in wood, steel, and concrete construction, yielding exceptional results for impact sound insulation.

FEATURES AND BENEFITS:

- Significantly reduces impact sound
- Mold, bacteria, fungi, and water resistant
- Qualifies for LEED[®] points
- Can be installed directly under hard surface or resilient floor coverings
- FloorScore[®] certified

DIMENSION: Rollgood: 4' wide, 75' long (1.2 m wide, 22.9 m long)

THICKNESS: 5/64" (nom. 2 mm)

ROLL WEIGHT: 125 lb/roll (56.7 kg/roll)

ROLL AREA: 300 ft² (27.9 m²)

ROLLS/PALLET: 16

LEAD TIME: 2-3 weeks after receipt of order

For Your Project Specific Questions
T. 416.449.0049 | E. info@pliteq.com

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TECHNICAL DATA

REDUCTION OF IMPACT SOUND PRESSURE LEVEL: (ASTM E492/E2179)

- **GenieMat RSTo2** tested over 8" concrete slab with vinyl plank floor covering, no ceiling, IIC 52 and Δ IIC 18 dB as per ASTM E2179.
- **GenieMat RSTo2** tested over 8" concrete slab with 3/8" laminate wood floor covering, no ceiling, IIC 54.
- **GenieMat RSTo2** tested over 6" concrete slab with 12" x 12" ceramic tile, no ceiling Δ IIC 18 dB
- The floor-ceiling assembly must be tested in an accredited laboratory within the last 5 years.

SHEET WEIGHT: 0.4 lb/ft² (2.1 kg/m²)

ROBINSON WHEEL
TILE TEST: (ASTM C627) Extra heavy commercial with tile

POINT LOAD TEST FOR CRACK
ISOLATION MEMBRANES:
(ANSI 118.12) Exceeds pass criteria

VOC EMISSIONS:
(ASTM 5116) Meets requirements for the California Department of Public Health Criteria

PUNCTURE TESTING WHEN
INSTALLED UNDER LUXURY
VINYL TILE: (ASTM F924) No change when compared to puncture failure limit of luxury vinyl tile tested without underlayment

RESISTANCE TO IMPACT
WHEN INSTALLED UNDER
LUXURY VINYL TILE:
(ASTM F1265) Luxury vinyl tile shows no signs of breaking or cracking and meets standard criteria

ROLLING LOAD INDENTATION
WHEN INSTALLED UNDER
LUXURY VINYL TILE:
(ASTM F2753) Luxury vinyl tile shows no signs of indentation and plank separation for 12,500 cycles

TEMPERATURE STABILITY: -40°F to +240°F (-40°C to +115°C)

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