

Product Specification

Product Name:	GenieMat™ RST-12 (12 mm)
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 and protecting ceramic, porcelain, and stone from substrate cracks.
Features and Benefits:	<ul style="list-style-type: none">• 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.• Easy to install and rolls out quickly.
Dimension:	Rollgood: 4' wide, 15' long
Thickness:	12 mm (1/2") (+/- 1.5 mm)
Roll Weight:	130 lbs/roll
Roll Area:	60 ft ²
Rolls/Pallet:	14
Leadtime:	2-3 weeks after receipt of order

Technical Data

Reduction of Impact Sound Pressure Level (ΔL_w) (BS EN ISO 140-8):	22 dB
Sheet Weight:	1.80 lbs/ft ² (8.7 kg/m ²)
Tensile Strength (ASTM D412, Die C):	35 psi minimum
Elongation at Break (ASTM D412, Die C):	60 % minimum
Compressibility (ASTM F36):	@ 50 psi = 15 % / recovery 85 % minimum @ 100 psi = 20 % / recovery 85 % minimum
Tear Strength (ASTM D624):	40 lbs/in minimum
Type A Hardness (ASTM D2240):	40 durometer
TCNA Robinson Test (ASTM C627):	Light commercial with tile
Laboratory Impact Insulation Class (ASTM E492):	Specified floor-ceiling assembly must be tested in a NVLAP-certified laboratory and comply with ASTM standards.
Field Impact Insulation Class (ASTM E1007):	Specified floor-ceiling assembly must meet requirement as stated by building code and/or acoustical consultant.
Temperature Stability:	-40°C to +115°C (~40°F to +240°F)

The information provided is accurate to the best of our knowledge at the time of issue. However, we reserve the right to make changes when necessary without further notification. Suggested applications may need to be modified to conform with local building codes and conditions. We cannot accept responsibility for products that are not used, or installed, to our specifications.