

# GENIEMAT<sup>®</sup> RST03

## Sound Control Underlayment



### Product Specification

Product Name:	<b>GenieMat RST03</b>
Dimension:	Rollgood: 1.22 m wide, 15.24 m long (4' wide, 50' long)
Coverage:	18.59 m <sup>2</sup>
Thickness:	nom. 3 mm (1/8")
Density:	Shall be > 1000 kg/m <sup>3</sup>
Roll Weight:	55.3 kg

### Technical Data

Reduction of Impact Sound Pressure Level: (ASTM E492/E2179)	$\Delta L_{n,w}$ performance of 21 dB under LVT $\Delta L_{n,w}$ performance of 18 dB under ceramic tile
Natural Frequency	Shall not be greater than 92 Hz @ 19.2 kN/m <sup>2</sup> (400 psf) loading
Building code	Meets and improves on Approved Document E impact performance requirements by 11 dB when used under LVT or hardwood flooring. Meets and exceeds on BCA part F5 impact performance requirements
Point Load Test for Crack Isolation Membranes: (ANSI 118.12)	Exceeds pass 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



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Temperature Stability: -40°C to +115°C (-40°F to +240°F)

Thermal resistance (R-value): 0.023 (m<sup>2</sup>K)/W

Thermal transmittance (U-value): 44.33 W/(m<sup>2</sup>K)

Robinson Wheel Test with tile (ASTM C627): Extra Heavy Commercial





# AROUND THE WORLD.



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