

GENIEMAT[®] RST05

Sound Control Underlayment



Product Specification

Product Name:	GenieMat RST05
Dimension:	Rollgood: 1.22 m wide, 9.1 m long (4' wide, 30' long)
Coverage:	11.1 m ²
Thickness:	nom. 5 mm (3/16")
Density:	Shall be > 1000 kg/m ³
Roll Weight:	54.4 kg

Technical Data

Reduction of Impact Sound Pressure Level: (ISO 10140)	$\Delta L_{n,w}$ performance of 23 dB under LVT $\Delta L_{n,w}$ performance of 19 dB under ceramic tile
Natural Frequency	Shall not be greater than 70 Hz @ 19.2 kN/m ² (400 psf) loading
Building code	Meets and improves on Approved Document E impact performance requirements by 15 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): 0.038 (m²K)/W

Thermal transmittance (U-value): 26.6 W/(m²K)

Robinson Wheel Test with tile (ASTM C627): Moderate Commercial





AROUND THE WORLD.



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