

GENIEMAT[®] RST02

Sound Control Underlayment



Product Specification

Product Name:	GenieMat RST02
Dimension:	Rollgood: 1.22 m wide, 22.9 m long (4' wide, 75' long)
Coverage:	27.94 m ²
Thickness:	nom. 2 mm (5/64")
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 20 dB under LVT $\Delta L_{n,w}$ performance of 16 dB under ceramic tile
Natural Frequency	Shall not be greater than 92 Hz @ 19.2 kN/m ² (400 psf) loading
Building code	Meets and improves on Approved Document E impact performance requirements by 9 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): 0.015 (m²K)/W

Thermal transmittance (U-value): 66.5 W/(m²K)

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





AROUND THE WORLD.



PLITEQ INC.

131 Royal Group Crescent
Vaughan, ON
L4H 1X9 Canada

T. + 1 416 449 0049

info@pliteq.com
www.pliteq.com

PLITEQ (UK) LTD.

Irongate House
22-30 Dukes Place
London
EC3A 7LP

T. + 44 203 9846444

info@pliteq.co.uk
www.pliteq.co.uk

PLITEQ BUILDING MATERIALS TRADING LLC.

European Business Centre
Dubai Investment Park
PO Box 473 512
Dubai, UAE

T: +971 4 567 4944

info@pliteq.ae
www.pliteq.ae

PLITEQ ASIA PACIFIC PTE LTD.

101 Cecil Street #19-13
Tong Eng Building Singapore
069533

T. +65 8452 6865

info@pliteq.sg
www.pliteq.sg



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