

GENIEMAT[®] RST02

ROLL-OUT SOUND CONTROL UNDERLAYMENT



PRODUCT SPECIFICATIONS

PRODUCT NAME:	GenieMat RST02
DIMENSION:	Roll: 1.2 m wide, 22.9 m long (4' wide, 75' long)
THICKNESS:	nom. 2 mm (3/32")
WEIGHT:	54.4 kg/Roll (120 lb/Roll)
AREA:	27.87 m ² (300 ft ²)
DENSITY:	Shall be > 1000 kg/m ³ (62.43 lb/ft ³)

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 5 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
VOC EMISSIONS (CDPH/ EHLB STANDARD METHOD v1.2-2017):	FloorScore [®] certified

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TECHNICAL DATA

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

THERMAL TRANSMITTANCE
(R-VALUE): 0.015 (m²K)/W

THERMAL TRANSMITTANCE
(U-VALUE): 65.8 BTU/(hr·ft²·°F)

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



AROUND THE WORLD.

PLITEQ INC.

131 Royal Group Crescent
Vaughan, ON
L4H 1X9 Canada

4211, Yonge Street,
Suite 404, Toronto, ON
M2P 2A9 Canada

2015 Main St,
Vancouver, BC
V5T 3C2 Canada

T.+1 416 449 0049
info@pliteq.com
www.pliteq.com

PLITEQ (DE)

251 Little Falls Drive
Wilmington, DE
19808
United States of America

PLITEQ (AZ)

11701 N. 132nd Drive
Surprise, AZ
85379
United States of America

T.+1 480 805 5560
info@pliteq.com
www.pliteq.com

PLITEQ (UK) LTD.

Office 205, Orega High
Holborn, 16 High Holborn,
London, WC1V 6BX
United Kingdom

T.+44 203 9846444
info@pliteq.co.uk
www.pliteq.co.uk

PLITEQ MEXICO

Calz. Gral. Mariano
Escobedo 476-piso 12
Chapultepec Morales,
Anzures,
Miguel Hidalgo, 11590
Ciudad de México, CDMX
Mexico

T.+52 1 938 164 1551

PLITEQ ASIA PACIFIC PTE LTD.

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

T.+65 6813 2017
info@pliteq.sg
www.pliteq.sg

PLITEQ BUILDING MATERIALS TRADING LLC.

European Business Centre
Dubai Investment Park
PO Box 473 512
United Arab Emirates

T. +971 4 567 4944
info@pliteq.ae
www.pliteq.ae

PLITEQ AUSTRALIA PTY LTD.

68-82 York St, South
Melbourne, VIC, 3205
Australia
ABN: 86 675 027 433

T.+61 455 203 269
info@pliteq.com.au
www.pliteq.com.au

