

# GENIEMAT<sup>®</sup> RST10

## SOUND CONTROL UNDERLAYMENT



### PRODUCT SPECIFICATION

PRODUCT NAME:	<b>GenieMat RST10</b>
DIMENSION:	Rollgood: 4' wide, 15' long (1.2 m wide, 4.6 m long)
THICKNESS:	3/8" (nom. 10 mm)
DENSITY:	Shall be > 1000 kg/m <sup>3</sup>
ROLLS/PALLET:	15

### TECHNICAL DATA

REDUCTION OF IMPACT SOUND PRESSURE LEVEL: (ASTM E492/E2179)	<b>GenieMat RST10</b> tested over 6" concrete slab with 12" x 12" ceramic tile, no ceiling, IIC 50, ΔIIC 21 dB
NATURAL FREQUENCY:	Shall not be greater than 68 Hz @ 400 psf loading
HIIC: (ASTM WK59631)	Shall be ≥ 63 when tested on an 8" concrete slab with vinyl Shall be ≥ 53 when tested on an 8" concrete slab with tile Shall be ≥ 61 when tested on an 8" concrete slab with engineered wood
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
ROBINSON WHEEL TILE TEST: (ASTM C627)	Light commercial with tile
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
AVERAGE DYNAMIC STIFFNESS: (BS EN 29052)	407,416 lbf/ft <sup>3</sup> (64 MN/m <sup>3</sup> )
TYPE A HARDNESS: (ASTM D2240)	40 durometer

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VOC EMISSIONS: (CDPH/EHLB Standard Method v1.2-2017)	FloorScore certified
LOAD/DEFLECTION FOR TILE FLOORS:	Shall not have deflection greater than 2% of the thickness at loads up to 1000 psf (~48 kPa)
THERMAL RESISTANCE: (R-VALUE)	0.427 BTU/ hr · °F · ft <sup>2</sup> (0.075 W / m <sup>2</sup> · K)
THERMAL TRANSMITTANCE: (U-VALUE)	2.34 BTU/ hr · °F · ft <sup>2</sup> (13.33 W / m <sup>2</sup> · K)
WARRANTY:	Shall have a 25 year warranty as an approved component of a full waterproofing floor system
TEMPERATURE STABILITY:	-40°F to +240°F (-40°C to +115°C)





# AROUND THE WORLD.

## CONTACT US

### PLITEQ NORTH AMERICA

131 Royal Group Crescent  
Vaughan, ON  
L4H 1X9 Canada

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

### PLITEQ UK

Irongate House  
22-30 Dukes Place  
London  
EC3A 7LP

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

### PLITEQ MIDDLE EAST

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

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

T. +65 8452 6865  
info@pliteq.sg  
www.pliteq.sg



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