

GENIEMAT[®] RST12

SOUND CONTROL UNDERLAYMENT



PRODUCT SPECIFICATION

PRODUCT NAME:	GenieMat RST12
DIMENSION:	Rollgood: 4' wide, 12.5' long (1.22 m wide, 3.81 m long)
THICKNESS:	1/2" (nom. 12 mm)
DENSITY:	Shall be > 1000 kg/m ³
ROLLS/PALLET:	16

TECHNICAL DATA

REDUCTION OF IMPACT SOUND PRESSURE LEVEL: (ASTM E492/E2179)	GenieMat RST12 tested over an 8" concrete slab with 12" x 12" ceramic tile, no ceiling, IIC 55
NATURAL FREQUENCY:	Shall not be greater than 61 Hz @ 400 psf loading
HIIC: (ASTM WK59631)	Shall be ≥ 57 when tested on an 8" concrete slab with tile
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)	381,953 lbf/ft ³ (60 MN/m ³)
TYPE A HARDNESS: (ASTM D2240)	50 (± 5) durometer

GENIEMAT[®] RST12

SOUND CONTROL UNDERLAYMENT



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)	0.512 BTU/ hr · °F · ft ² (0.090 W / m ² · K)
THERMAL TRANSMITTANCE: (U-VALUE)	1.95 BTU/ hr · °F · ft ² (11.11 W / m ² · 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

PLITEQ AUSTRALIA & NEW ZEALAND

T. + 61 3 9018 7696
T. + 61 476 757 736

info@pliteq.com.au
www.pliteq.com.au



© PLITEQ INC.

®™ TRADEMARKS OF PLITEQ INC. THE INFORMATION PROVIDED IS ACCURATE TO THE BEST OF OUR KNOWLEDGE AT THE TIME OF ISSUE. HOWEVER, WE RESERVE THE RIGHT TO MAKE CHANGES WHEN NECESSARY WITHOUT FURTHER NOTIFICATION. SUGGESTED APPLICATION MAY NEED TO BE MODIFIED TO CONFORM WITH LOCAL BUILDING CODES AND CONDITIONS. WE CANNOT ACCEPT RESPONSIBILITY FOR PRODUCTS THAT ARE NOT USED, OR INSTALLED, TO OUR SPECIFICATIONS. ALL LISTED DIMENSIONS ARE NOMINAL.