

# GENIEMAT<sup>®</sup> RST12

## SOUND CONTROL UNDERLAYMENT



### PRODUCT SPECIFICATION

PRODUCT NAME:	<b>GenieMat RST12</b>
DIMENSION:	Rollgood: 4' wide, 13' long (1.2 m wide, 4.0 m long)
THICKNESS:	1/2" (nom. 12 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 RST12</b> 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 <sup>3</sup> (60 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)

0.512 BTU/ hr · °F · ft<sup>2</sup> (0.090 W / m<sup>2</sup> · K)

THERMAL TRANSMITTANCE:  
(U-VALUE)

1.95 BTU/ hr · °F · ft<sup>2</sup> (11.11 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.

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