

# GENIEMAT<sup>®</sup> RST15

## SOUND CONTROL UNDERLAYMENT



### PRODUCT SPECIFICATION

PRODUCT NAME:	<b>GenieMat RST15 Sheet</b>
DIMENSION:	Sheet: 2.5' wide, 4' long (0.76 m wide, 1.22 m long)
THICKNESS:	5/8" (nom. 15 mm)
DENSITY:	Shall be > 1000 kg/m <sup>3</sup>
SHEETS/PALLET:	50

### TECHNICAL DATA

HIIC: (ASTM WK59631)	Shall be $\geq 60$ when tested on an 8" concrete slab with vinyl Shall be $\geq 59$ when tested on an 8" concrete slab with 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
VOC EMISSIONS: (CDPH/EHLB Standard Method v1.2-2017)	FloorScore certified
AVERAGE DYNAMIC STIFFNESS: (BS EN 29052)	343,758 lbf/ft <sup>3</sup> (54 MN/m <sup>3</sup> )
TYPE A HARDNESS: (ASTM D2240)	40 durometer

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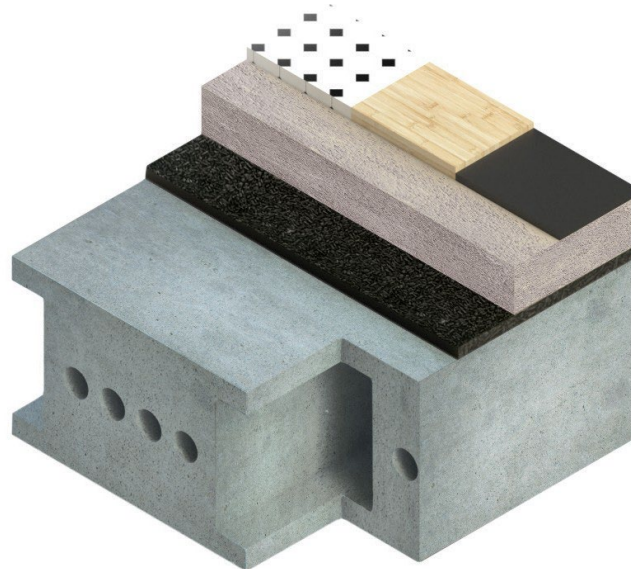
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LOAD/DEFLECTION FOR TILE FLOORS:	Shall not have deflection greater than 2% of the thickness at loads up to 1000 psf (~48 kPa)
THERMAL RESISTANCE: (R-VALUE)	0.640 BTU/ hr · °F · ft <sup>2</sup> (0.113 W / m <sup>2</sup> · K)
THERMAL TRANSMITTANCE: (U-VALUE)	1.56 BTU/ hr · °F · ft <sup>2</sup> (8.85 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)

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# AROUND THE WORLD.

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