

# GENIEMAT<sup>®</sup> RST15

## SOUND CONTROL UNDERLAYMENT



### PRODUCT SPECIFICATION

PRODUCT NAME:	<b>GenieMat RST15 Sheets</b>
DIMENSION:	Rollgood: 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 ≥ 60 when tested on an 8" concrete slab with vinyl Shall be ≥ 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)	50 (± 5) durometer

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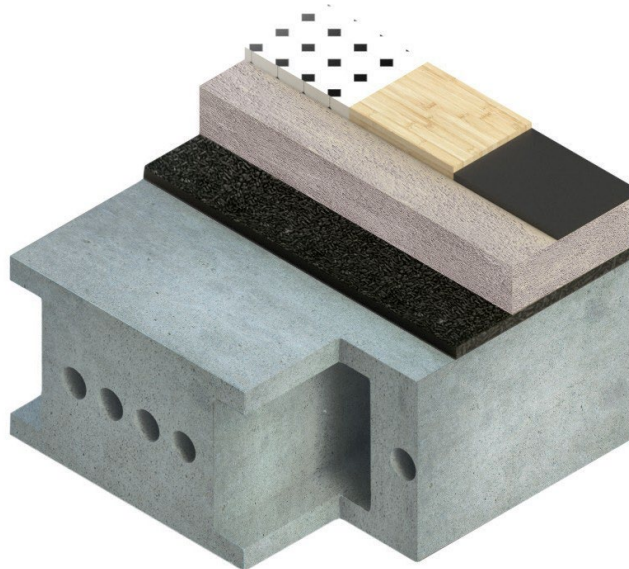
**LOAD/DEFLECTION FOR TILE FLOORS:** Shall not have deflection greater than 2% of the thickness at loads up to 1000 psf (~48 kPa)

**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)





# AROUND THE WORLD.

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