GenieMat[®] RST10 Pro



WATERPROOFING AND IMPACT SOUND CONTROL SYSTEM It's not magic, it's engineering.*

PRODUCT SPECIFICATION

Product Name:	GenieMat RST10 Pro
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 ³
Rolls/Pallet:	16
TECHNICAL DATA	
Reduction of Impact Sound Pressure Level: (ASTM E492/E2179)	GenieMat RST10 Pro tested over 6" concrete slab with 12" x 12" ceramic tile, no ceiling, IIC 50, Δ IIC 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 of 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
Water Proofing (ANSI A118.10):	Meets and exceeds ANSI A118.10 Specification for Load Bearing, Bonded, Waterproof Membranes for Thin-set Ceramic Tile and Dimension Stone Installation per IPAL-0463-23

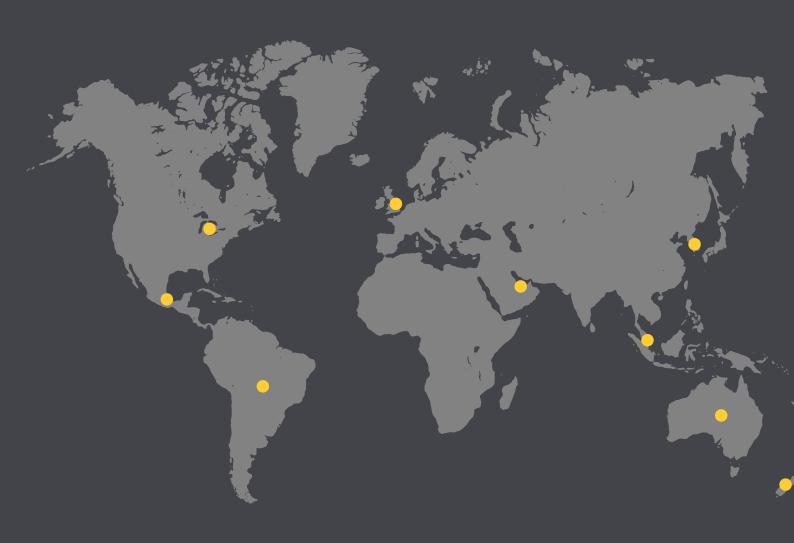
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Average Dynamic Stiffness: (BS EN 29052)	407,416 lbf/ft³ (64 MN/m³)
Type A Hardness: (ASTM D2240)	$50 (\pm 5)$ durometer
VOC Еміззіонз: (CDPH/EHLB Standard Method v1.2-2017)	FloorScore certified
Load/Deflection For Tile Floors:	Shall not have deflection greater than 2% of the thickness at loads up to 1000 psf (~48 kPa)
THERMAL RESISTANCE: (R-VALUE)	0.427 BTU/ hr $\cdot {}^{\circ}F \cdot ft^{2}$ (0.075 W / m ² · K)
THERMAL TRANSMITTANCE: (U-VALUE)	2.34 BTU/ hr \cdot °F \cdot ft² (13.33 W / m² \cdot 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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