

GENIEMAT[®] RST15

ROLL-OUT SOUND CONTROL UNDERLAYMENT



PRODUCT SPECIFICATIONS

PRODUCT NAME:	GenieMat RST15
DIMENSION:	Roll: 1.22 m wide, 3.05 m long (4' wide, 10' long) Sheet: nom. 0.8 m wide, nom. 1.2 m long (2.5' wide, 4' long)
THICKNESS:	nom. 15 mm (5/8")
WEIGHT:	54.4 kg/Roll (120 lb/Roll) 13.6 kg/Sheet (30 lb/Sheet)
AREA:	Roll: 3.72 m ² (40 ft ²) Sheet: 0.93 m ² (10 ft ²)
DENSITY:	Shall be > 1000 kg/m ³ (62.43 lb/ft ³)

TECHNICAL DATA

REDUCTION OF IMPACT SOUND PRESSURE LEVEL (ISO 10140):	Lnw 50dB when tested on a 200 mm concrete slab with vinyl Lnw 51dB when tested on a 200 mm concrete slab with wood
BUILDING CODE:	Meets and improves on Approved Document E impact performance requirements by 11 dB when used under LVT or hardwood flooring. Meets and exceeds on BCA part F5 impact performance requirements
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
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

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TECHNICAL DATA

TEMPERATURE STABILITY: -40°F to +240°F (-40°C to +115°C)

THERMAL TRANSMITTANCE
(R-VALUE): 0.113 (m²K)/W

THERMAL TRANSMITTANCE
(U-VALUE): 8.8 W/m²·K (1.56 BTU/ hr·°F·ft²)

ROBINSON WHEEL TILE TEST
(ASTM C627): Light commercial with tile



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