

GENIEMAT[®] RST02

SOUND CONTROL UNDERLAYMENT



PRODUCT SPECIFICATION

PRODUCT NAME:	GenieMat RST02
DIMENSION:	Rollgood: 4' wide, 75' long (1.2 m wide, 22.9 m long)
THICKNESS:	nom. 2 mm (5/64")
DENSITY:	Shall be > 1000 kg/m ³
ROLLS/PALLET:	16

TECHNICAL DATA

REDUCTION OF IMPACT SOUND PRESSURE LEVEL: (ASTM E492/E2179)	GenieMat RST02 tested over 8" concrete slab with vinyl plank floor covering, no ceiling, IIC 52 and ΔIIC 18 dB as per ASTM E2179
NATURAL FREQUENCY	Shall not be greater than 92 Hz @ 400 psf loading
HIIC (ASTM WK59631)	Shall be ≥ 58 when tested on an 8" concrete slab with vinyl Shall be ≥ 55 when tested on an 8" concrete slab with engineered wood Shall be ≥ 45 when tested on an 6" 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
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
TEMPERATURE STABILITY:	-40°F to +240°F (-40°C to +115°C)

For Your Project Specific Questions
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