

GenieMat[®] FF25

ROLL-OUT FLOATING FLOOR



PATENTS: US 8,240,430 US 8,556,029 CA 2,500,956 CA 2,503,420

PRODUCT SPECIFICATIONS

PRODUCT NAME:	GenieMat FF25
DESCRIPTION:	Robust dimpled rubber mat with integrated poly sheet made from up to 94% recycled rubber content used when superior sound control is required in mechanical rooms, sound studios, home theatres, entertainment venues, medical facilities, fitness studios, gyms, dance floors, or swimming pools. GenieMat FF can be used in commercial, industrial, and multifamily housing.
APPLICATION:	Shock absorbing and airborne/impact sound reducing subfloor mat to be used under cementitious toppings or dry laid boards (GenieBoard[®] , plywood, etc.).
FEATURES AND BENEFITS:	• Significantly improves impact and airborne sound ratings • Mold, bacteria, fungi, and water resistant • Qualifies for LEED[®] points • Easy to install, stays in place, and does not need to be adhered or fastened to substrate • Third-party verified EPDs available • Minimized deflection under variable loading • Not impacted by air stiffness
DIMENSION:	Roll: 4' wide, 15' long (nom. 1.22 m wide, nom. 4.57 m long)
THICKNESS:	1" (nom. 25 mm)
WEIGHT:	140 lb/Roll (63.5 kg/Roll)
AREA:	60 ft ² (5.57 m ²)
QUANTITY/PALLET:	12

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TECHNICAL DATA

TYPE A HARDNESS (ASTM D2240):	40 (±5) Durometer
REDUCTION OF IMPACT SOUND PRESSURE LEVEL (ASTM E492/E2179, ISO 10140-3):	GenieMat FF25 tested over 6-7/8" (nom. 175 mm) 5-ply cross laminated timber (CLT) with 4" (nom. 100 mm) concrete topping, no ceiling, IIC 50dB GenieMat FF25 tested over 5-1/2" (nom. 140 mm) concrete slab with 4" (nom. 100 mm) concrete topping, no ceiling, IIC 65 and ΔIIC 33dB as per ASTM E2179 GenieMat FF25 tested over 5-1/2" (nom. 140 mm) concrete slab with 2-3/8" (nom. 60 mm) gypsum concrete, no ceiling, IIC 63 and ΔIIC 33dB as per ASTM E2179 GenieMat FF25 tested over TJI joist with vinyl, GenieMat RSTo2, 1-1/2" (nom. 40 mm) gypsum concrete, and OSB, ceiling consists of GenieClip RST and 2 layers of type C gypsum boards, IIC 64dB
DEFLECTION CREEP:	Shall not experience deformation greater than 3% of the total thickness under a load of 157 lbf (698 N) for a constant 24 hour period
NATURAL FREQUENCY:	18 Hz at 200 psf (0.01 MPa) load 16 Hz at 400 psf (0.02 MPa) load 15 Hz at 2000 psf (0.1 MPa) load
VOC EMISSIONS (CDPH/EHLB STANDARD METHOD v1.2-2017):	FloorScore® certified
DYNAMIC STIFFNESS (ASTM D5992, ISO 4664-1):	755 lbf/in ³ (205 MN/m ³)
STATIC STIFFNESS (ASTM D5992, ISO 4664-1):	73 lbf/in ³ (20 MN/m ³)
DYNAMIC-STATIC STIFFNESS RATIO (ASTM D5992, ISO 4664-1):	10.35
BUTADIENE PURITY AND HYDROCARBON IMPURITIES (ASTM D2593):	None detected
TEMPERATURE STABILITY:	-40°F to +176°F (-40°C to +80°C)

AROUND THE WORLD.

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