

GenieMat® FF10

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 FF10
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, 30' long (nom. 1.22 m wide, nom. 9.14 m long)
THICKNESS:	3/8" (nom. 10 mm)
WEIGHT:	137 lb/Roll (62.1 kg/Roll)
AREA:	120 ft² (11.15 m²)
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 FF10 tested over 6-7/8" (nom. 175 mm) 5-ply cross laminated timber (CLT) with engineered wood, GenieMat RSTo5, and GenieBoard, no ceiling, IIC 51dB GenieMat FF10 tested over 6-7/8" (nom. 175 mm) 5-ply cross laminated timber (CLT) with vinyl, GenieMat RSTo2, and 2" (nom. 50 mm) concrete topping, no ceiling, IIC 50dB GenieMat FF10 tested over 5-1/2" (nom. 140 mm) concrete slab with 4" (nom. 100 mm) concrete topping, no ceiling, IIC 62 and ΔIIC 29dB as per ASTM E2179 GenieMat FF10 tested over 5-1/2" (nom. 140 mm) concrete slab with 2-3/8" (nom. 60 mm) gypsum concrete, no ceiling, IIC 59 and ΔIIC 30dB as per ASTM E2179
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:	23 Hz at 200 psf (0.01 MPa) load 22 Hz at 400 psf (0.02 MPa) load 20 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):	1482 lbf/in ³ (402 MN/m ³)
STATIC STIFFNESS (ASTM D5992, ISO 4664-1):	140 lbf/in ³ (38 MN/m ³)
DYNAMIC-STATIC STIFFNESS RATIO (ASTM D5992, ISO 4664-1):	10.6
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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