

GENIEMat® FF50

ROLL-OUT FLOATING FLOORS



It's not magic, it's engineering.®

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

PRODUCT SPECIFICATION

PRODUCT NAME: GenieMat FF50

DESCRIPTION:

Robust dimpled rubber pad made up to 94% recycled rubber content used when superior sound control is required in mechanical rooms, sound studios, home theatres, entertainment venues, medical facilities, exercise, gym, and dance floors, and commercial, industrial, and multifamily housing.

APPLICATION:

Shock absorbing and impact sound reducing pad to be used under gypsum concrete, light-weight and full-weight concrete, cement board, and **GenieBoard**.

FEATURES AND BENEFITS:

- Significantly increases IIC and STC ratings
- Qualifies for LEED® points
- No potential mold-producing fibreglass
- Easy to install, rolls out quickly, stays in place, and doesn't need to be adhered or fastened to substrate

DIMENSION:

Rollgood: 4' wide, 15' long (1.22 m wide, 4.57 m long)

THICKNESS:

2" (nom. 50 mm) - Two layers of **GenieMat FF25**

ROLL WEIGHT:

126 lb/roll (57.2 kg/roll)

ROLL AREA:

60 ft² (5.57 m²)

ROLLS/PALLET:

12

LEAD TIME:

4-6 weeks after receipt of order

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TECHNICAL DATA

LABORATORY IMPACT INSULATION CLASS (ASTM E492):

GenieMat FF50 tested over 6 - 7/8" 5-ply cross laminated timber (CLT) with 4" concrete topping, no ceiling, IIC 54 dB

GenieMat FF50 tested over 5 - 1/2" concrete slab with 4" concrete topping, no ceiling, IIC 67 and ΔIIC 33 dB as per ASTM E2179

GenieMat FF50 tested over 5 - 1/2" concrete slab with 2 - 3/8" gypsum concrete, no ceiling, IIC 66 and ΔIIC 38 dB as per ASTM E2179

DEFLECTION CREEP:

Shall not experience deformation greater than 3% of the total thickness under a load of 157 lbf (700 N) for a constant 24 hour period

NATURAL FREQUENCY:

13 Hz at 200 psf (0.01 MPa) load
12 Hz at 400 psf (0.02 MPa) load
12 Hz at 2000 psf (0.1 MPa) load

VOC EMISSIONS: (CDPH/EHLB STANDARD METHOD v1.2-2017)

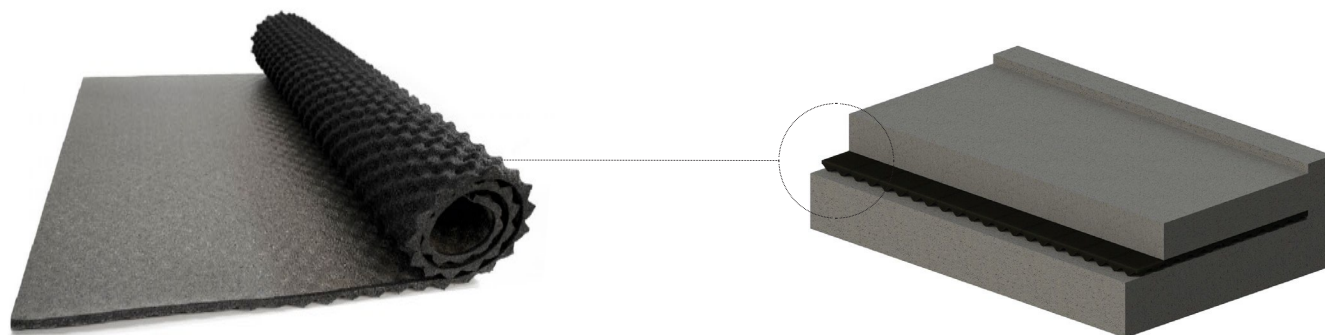
FloorScore certified

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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