

# 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 screed, light-weight and full-weight concrete, cement board, and **GenieBoard**.

FEATURES AND BENEFITS:

- Significantly increases  $L_{n,w}$  and  $R_w$  ratings
- Qualifies for LEED® points
- No potential mould-producing fibreglass
- Easy to install, rolls out quickly, stays in place, and doesn't need to be adhered or fastened to substrate

DIMENSION:

Rollgood: 1.22 m wide, 4.57 m long

THICKNESS:

nom. 50 mm - Two layers of **GenieMat FF25**

ROLL WEIGHT:

57.2 kg/roll

ROLL AREA:

5.57 m<sup>2</sup>

# GENIE<sup>®</sup>Mat<sup>®</sup> FF50

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### TECHNICAL DATA

#### LABORATORY IMPACT INSULATION CLASS (BS EN ISO 10140-3):

**GenieMat FF50** tested over 175 mm 5-ply cross laminated timber (CLT) with 100 mm concrete topping, no ceiling,  $L_{n,w}$  56 dB

**GenieMat FF50** tested over 140 mm concrete slab with 100 mm concrete topping, no ceiling,  $L_{n,w}$  43 and  $\Delta L_{n,w}$  35 dB as per BS EN ISO 10140-8

**GenieMat FF50** tested over 140 mm concrete slab with 60 mm screed, no ceiling,  $L_{n,w}$  43 and  $\Delta L_{n,w}$  34 dB as per BS EN ISO 10140-8

#### DEFLECTION CREEP:

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

#### NATURAL FREQUENCY:

13 Hz at 0.01 MPa load  
12 Hz at 0.02 MPa load  
12 Hz at 0.1 MPa load

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

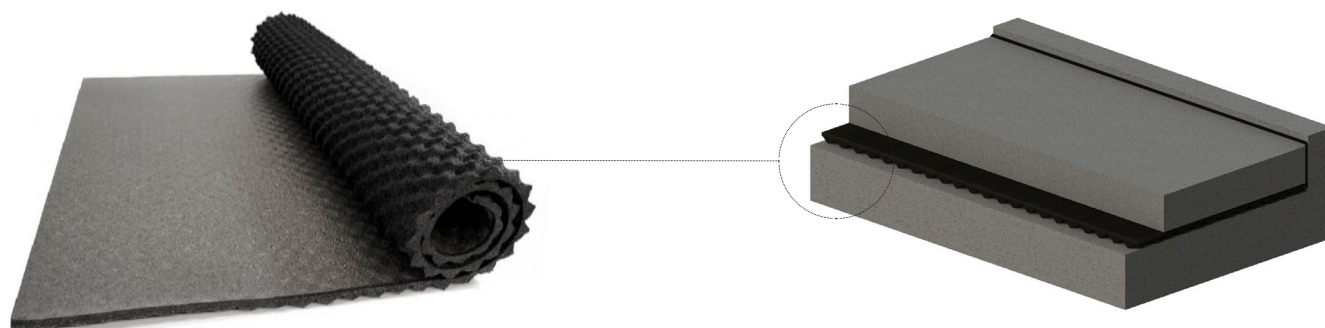
FloorScore certified

#### BUTADIENE PURITY AND HYDROCARBON IMPURITIES: (ASTM D2593)

None detected

#### TEMPERATURE STABILITY:

-40°C to +80°C





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