

GENIEMAT® FF50

ROLL-OUT FLOATING FLOORS



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 m²

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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





AROUND THE WORLD.

CONTACT US

PLITEQ NORTH AMERICA

131 Royal Group Crescent
Vaughan, ON
L4H 1X9 Canada

T. + 1 416 449 0049

info@pliteq.com
www.pliteq.com

PLITEQ UK

Irongate House
22-30 Dukes Place
London
EC3A 7LP

T. + 44 203 9846444

info@pliteq.co.uk
www.pliteq.co.uk

PLITEQ MIDDLE EAST

European Business Centre
Dubai Investment Park
PO Box 473 512
Dubai, UAE

T: +971 4 567 4944

info@pliteq.ae
www.pliteq.ae

PLITEQ ASIA PACIFIC

101 Cecil Street #19-13
Tong Eng Building Singapore
069533

T. +65 8452 6865

info@pliteq.sg
www.pliteq.sg



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