

PATENTS: Patent Pending

PRODUCT SPECIFICATIONS

PRODUCT NAME:	GenieMat FIT70
DESCRIPTION:	Resilient floor interlocking tile system made from up to 92% recycled rubber content featuring interdependent concentric ring impact pedestals on the underside. Used when superior impact shock, vibration, and noise control is required in fitness, gym, sports, and training facilities, and high-traffic or acoustically-sensitive environments.
APPLICATION:	Used as a floor surface to cushion impacts from falling or dropping objects and ease fatigue. Applicable for free weight/cardio/personal training areas (up to 100 lbs [nom. 45 kg] from nom. 3 ft [1 m]), pilates/yoga/spin studios, stretching and other various cable/resistance machine activities.
FEATURES AND BENEFITS:	• Tested to withstand 100 lbs (nom. 45 kg) weight drops from nom. 3 ft (1 m) and backed by the Pliteq-Care system warranty • Durable dual-pedestal design engineered for high impact performance in demanding fitness environments • Omni-directional interlocking system ensures secure hold and efficient installation • High-compression wear layer for superior abrasion and slip resistance and color-retention • Accessories include profiled edging, inside and outside corner pieces and accessibility compliant transitions • Will not harden or become brittle with age • Qualifies for LEED® points • Mold, bacteria, fungi, and water-resistant • Third-party verified EPDs available • Provides exceptional stability minimizing the risk of ankle and underfoot injuries
COLOR:	Mostly smooth, non-porous granular rubber surface available in a variety of standard colors
DIMENSION:	Tile: 24" x 24" (nom. 610 mm x nom. 610 mm)
THICKNESS:	nom. 2-3/4" (nom. 70 mm)
WEAR LAYER DENSITY:	Shall be > 62.43 lb/ft ³ (1000 kg/m ³)
TILE WEIGHT:	37 lb/Tile (16.8 kg/Tile)
TILE AREA:	4 ft ² (0.37 m ²)
QUANTITY/PALLET:	36

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TECHNICAL DATA

REDUCTION OF IMPACT SOUND PRESSURE LEVEL (ASTM E492/E2179, ISO 10140-3):	Δ IIC: 34dB (Δ L _w : 31dB) when tested over 6" (nom. 150 mm) concrete slab
HIIC (ASTM E3222):	Shall be $\geq$ 79 when tested on an 6" (nom. 150 mm) concrete slab
SOUND ABSORPTION (ASTM C423/E795, ISO 11654):	SAA: 0.48, NRC: 0.45
RUBBER DETERIORATION/AIR OVEN (ASTM D573):	No deterioration
COEFFICIENT OF FRICTION (ASTM D2047):	0.83 Dry, 0.88 Wet
TENSILE STRENGTH OF WEAR LAYER (ASTM D412, ISO 37):	> 300 psi (> 2.1 MPa)
ELONGATION AT BREAK (ASTM D412, ISO 37):	> 190%
TEAR RESISTANCE (ASTM D624, ISO 34):	51 lb/in (8.9 N/mm)
WEAR INDEX (ASTM D3389, ASTM C501, DIN 53516):	0.386
COMPRESSION SET (ASTM D395, ASTM D3574, ISO 1856):	4.37% Permanent Set
CRITICAL RADIANT FLUX (ASTM E648, ISO 9239):	Passes, > 697.4 BTU/hft ² (0.22 W/cm ²) / Class II
MAXIMUM SMOKE DEVELOPMENT (ASTM E648, AS ISO 9239.1, ISO 9239.1):	Test reports available upon request
IGNITION CHARACTERISTICS (ASTM D2859):	Pass
FIRE TEST OF ROOF COVERING (ASTM E108):	Class A (Premium)

AROUND THE WORLD.

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