

GENIEMAT[®] PEAKFORCE

FITNESS FLOORING SYSTEM



PRODUCT SPECIFICATION

PRODUCT NAME:	GenieMat PeakForce
DESCRIPTION:	High performance acoustical fitness flooring system with a rigid core PVC-free wood look finish.
APPLICATION:	Used when superior vibration, and noise control is required in fitness, yoga, spin, sports, training, and other athletic facilities.
FEATURES AND BENEFITS:	<ul style="list-style-type: none">• Highly durable and does not contain any phthalates, plasticizers, formaldehyde or heavy metals• Qualifies for LEED[®] points• High composition of post-consumer recycled content and fully recyclable
DIMENSION:	Finished floor: 7.99" wide, 50.78" long (203 mm wide, 1290 mm long)
THICKNESS:	Total Thickness: 1-7/8"
COMPOSITION:	PVC-free Polypropylene (PP) and ceramic mineral board (homogeneous) with 92 % recycled rubber acoustical system.
INSTALLATION METHOD:	Multi-layer glue-down
FINISH EDGE DETAIL:	Micro-beveled edges
SYSTEM WEIGHT:	8.7 lbs/sf
FINISH PLANK AREA:	2.82 ft ² (0.262 m ²)
WARRANTY:	Lifetime limited residential 10-years light commercial Not warranted for damages caused by impacts from weight drops
LEAD TIME:	4-6 weeks after receipt of order

Note: If installing fitness equipment over the GenieMat PeakForce system please contact your local Pliteq Sales Engineer to coordinate the addition of the included GenieMat Load Plates to your sales order.

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TECHNICAL DATA FOR FINISH LAYER

GEOMETRIC CHARACTERISTICS (ISO 24337):	Table 1 requirements fulfilled
ABRASION RESISTANCE (EN 15468 FALLING SAND METHOD):	Exceeds requirements, > 7000 revolutions
MICROSCRATCH RESISTANCE (EN 16094):	Meets requirements, MSR-A2
RESISTANCE AGAINST STAINING (EN 438-2):	Exceeds requirements, grade 5 for groups 1, 2 & 3
LOCKING STRENGTH (ISO 24334):	Exceeds requirements, long side > 2.5 kN/m short side > 4.5 kN/m
DIMENSIONAL STABILITY (EN ISO 23999):	Exceeds requirements, length 0.1% / width 0.1%
DIMENSIONAL VARIANCE (ISO 24337 TILE, PLANK):	Meets and/or exceeds (size, tol. ≥24 in. ≤48 in. size, tol. ≥48 in. squareness flatness, max, inches (width & length) openings, avg / max, mm ledging, avg / max, mm)
DIMENSIONAL VARIANCE (ASTM F387):	Meets and/or exceeds (thickness)
SURFACE INTEGRITY (ASTM F1914):	Meets and/or exceeds @ 140 lbs.
DIMENSIONAL STABILITY (ASTM F2199):	Exceeds requirements, length 0.1% / width 0.1%
CURL (ASTM F2199):	Exceeds requirements, 1 mm
RESISTANCE TO CHEMICALS (ASTM F925):	Exceeds requirements, "o - No Change"

TECHNICAL DATA CONTINUED

THERMAL RESISTANCE (R-VALUE) (EN 12667):	0.033 (m ² K) / W
SLIP RESISTANCE (EN 13893/ANSI/NFSI B101.3):	μ = 0.40 class DS according to EN 14342 0.53 DCOF wet
RESISTANCE TO FUNGI (ASTM G2):	Rating 1 (week 1 - 0, week 2 - 0, week 3 - 0, week 4 - 1)
HEAVY METALS (EN 15102 TO DIN EN 71-3 AND DIN EN 12149):	Passes, very low or not detectable (Sb, As, Ba, Cd, Cr, Hg, Pb, Se)
FLAMMABILITY (ASTM D2859):	Passes, (face side)
SMOKE DENSITY (ASTM E662):	Passes, 83 flaming / 447 non-flaming
CRITICAL RADIANT FLUX (ASTM E648):	Passes, > 0.45 W/cm ² / Class I

CONTACT US

For Your Project Specific Questions
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