GENIEMAT® PEAKFORCE ELITE FITNESS FLOORING SYSTEM



| Product Specification | | | |
|------------------------|---|--|--|
| Product Name: | GenieMat PeakForce Elite | | |
| 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: | 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: 3-3/8" | | |
| 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: | 12.7 lbs/sf | | |
| Finish Plank Area: | 2.82 ft² (0.262 m²) | | |
| 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 Elite 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 fullfilled

ABRASION RESISTANCE

Exceeds requirements, > 7000 revolutions

(EN 15468 FALLING SAND METHOD):

(EN 16094):

Meets requirements, MSR-A2

RESISTANCE AGAINST STAINING

MICROSCRATCH RESISTANCE

(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"



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THERMAL RESISTANCE (R-VALUE) (EN 12667):

0.033 (m² K) / W

SLIP RESISTANCE

 μ = 0.40 class DS according to EN 14342

(EN 13893/ANSI/NFSI B101.3):

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

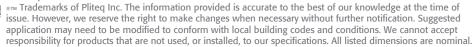
CRITICAL RADIANT FLUX (ASTM E648):

Passes, > 0.45 W/cm² / Class I

CONTACT US

For Your Project Specific Questions **T.** 416.449.0049 | **E.** info@pliteq.com









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