

# GENIEMAT<sup>®</sup> PEAKFORCE ELITE

## FITNESS FLOORING SYSTEM



### PRODUCT SPECIFICATION

|                        |  |
|------------------------|--|
| PRODUCT NAME:          | <b>GenieMat PeakForce Elite</b>  |
| 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"><li>• Highly durable and does not contain any phthalates, plasticizers, formaldehyde or heavy metals</li><li>• Qualifies for LEED<sup>®</sup> points</li><li>• High composition of post-consumer recycled content and fully recyclable</li></ul> |
| 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 ft <sup>2</sup> (0.262 m <sup>2</sup> )   |
| WARRANTY:              | Lifetime limited residential<br>10-years light commercial<br>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.

© Pliteq Inc. 2023.

<sup>®</sup> Trademarks of Pliteq Inc. The information provided is accurate to the best of our knowledge at the time of issue. However, we reserve the right to make changes when necessary without further notification. Suggested application may need to be modified to conform with local building codes and conditions. We cannot accept responsibility for products that are not used, or installed, to our specifications. All listed dimensions are nominal.



[www.pliteq.com](http://www.pliteq.com)

### 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

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

## CONTACT US

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

© Pliteq Inc. 2023.

<sup>12/23</sup> <sup>®</sup> Trademarks of Pliteq Inc. The information provided is accurate to the best of our knowledge at the time of issue. However, we reserve the right to make changes when necessary without further notification. Suggested application may need to be modified to conform with local building codes and conditions. We cannot accept responsibility for products that are not used, or installed, to our specifications. All listed dimensions are nominal.





# 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



© Pliteq Inc.

®™ Trademarks of Pliteq Inc. The information provided is accurate to the best of our knowledge at the time of issue. However, we reserve the right to make changes when necessary without further notification. Suggested application may need to be modified to conform with local building codes and conditions. We cannot accept responsibility for products that are not used, or installed, to our specifications. All listed dimensions are nominal.