



Fitness Flooring, Inc.
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SOFTPAVE FITNESS SURFACING TILES

PART I – GENERAL

1.1 Delivery, Storage, and Handling

- A. Delivery: Deliver materials to site in Manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage
 - 1. Store tiles in a dry area at a minimum temperature of 50 degrees F (10 degrees C). Protect tiles from direct sunlight before installation.
 - 2. Adhesive should be stored in a dry area at a minimum temperature of 50 degrees F (10 degrees C).
- C. Handling: Protect materials during handling and installation to prevent damage

1.2 Environmental Requirements

- A. Tile temperature: Ensure surface temperature of tiles is a minimum of 50 degrees F (10 degrees C) at the time of installation.
- B. Air temperature: Ensure air temperature is a minimum of 40 degrees F (4 degrees C) for a minimum of 24 hours before and during installation.

1.3 Warranty

- A. Materials and Workmanship: Fitness surfacing Tiles shall be warranted for defects in materials and workmanship for 5 years from the date of receipt of shipment.

PART II – PRODUCTS

2.1 Distributor

- A. Fitness Flooring, Inc., 6801 Lake Plaza, A105, Indianapolis, IN 46220. Toll free (800) 428-5306. Phone (317) 849-6181. Fax (317) 842-5384. Website www.fitnessfloors.com. Email: sales@fitnessfloors.com.

2.2 Fitness Surfacing

A. SoftPave Fitness Flooring.

1. Description: Resilient, interlocking, fitness flooring.
2. Material: Compression-molded, recycled rubber and binding agents.
3. Tile Locking: Barbed dowel system on all four sides, which locks tile to adjacent tiles.
4. Top Edges: Chamfered
5. Tile Bottom: Tapered support legs
6. Wear layer: recycled rubber and virgin EPDM granules.
7. Size: 24 inches by 24 inches, plus or minus 1/8"
8. Thickness: 1"
9. Minimum Weight Each Tile: 16 lbs.
10. Colors: as specified by customer or designer.

B. Test Results:

1. Tensile Strength, ASTM D412: 180 psi
2. Elongation at Break, ASTM D412: 70%
3. Tear Strength, ASTM D624: 60 pli
4. Abrasion Strength, ASTM D3389: 1000g weight, 2000 cycles, H-22 wheel - .190g loss
5. Static Coefficient, ASTM C1028: Dry: .81; Wet: .92
6. Dynamic Coefficient, MIL-W-5044C: Dry: .48, Wet: .90
7. Flammability: Burning Pill, ASTM D2859: Pass
8. Wear Surface Density (Durability): 49.0 lbs./cubic foot minimum.

2.3 Accessories

A. Reducers

1. Prefabricated SoftPave Ramps: 1" X 48"
2. Prefabricated SoftPave ADA Ramps: 1" X 12" X 48"

B. Adhesive:

1. Single component, 100 percent solids, polyurethane
2. Approved by Manufacturer

III. EXECUTION

3.1 Examination

- A. Examine areas to receive fitness flooring tiles. Notify Architect if areas are not acceptable. Do not begin installation until unacceptable conditions have been corrected.

3.2 Preparation

A. Concrete Subsurface

1. Ensure concrete is sound with no loose material or cracks over 1/8 inch wide.
2. Ensure concrete is a minimum of 28 days old.
3. test concrete for moisture in accordance with manufacturer's instructions to ensure it has sufficiently cured and is dry.

- B. Variations in Elevation: Repair variations in elevation of completed surface greater than plus or minus 1/4" over 10 feet in any direction.

3.3 Installation

- A. Install fitness flooring tiles in accordance with manufacturer's instructions at locations indicated on the Drawings.
- B. Ensure prepared subsurface and tiles are clean and dry.
- C. Layout tile surface in accordance with manufacturer's instructions
- D. Install tiles in a single installation session
- E. Layout in advance tiles to be installed in single installation session
- F. Apply adhesive in accordance with manufacturer's instructions for tile-to-tile and perimeter tile-to-base installation.

3.4 Cleaning

- A. Remove adhesive spills from fitness flooring tiles in accordance with manufacturer's instructions.
- B. Clean tiles in accordance with manufacturer's instructions.

3.5 Protection

- A. Protect fitness flooring tiles from damage during further construction and painting in the area.