



OUR GOAL IS YOUR SATISFACTION!

CALL 866-892-7277

Email: info@basketball-goals.com

***Multi-Sport
The Ultimate Indoor Sport & Game Floor***



**High Performance
Easy to Maintain
Less Expensive than Conventional Wooden Floors**



Multi-Sport

The most versatile indoor game court system available today

Multi Sport tile is the flattest, tightest fitting and most rigid multipurpose indoor sport tile floor in the world. With five injection points, our Multi Sport floor will remain flat; it will not cup at the corners after a few months like many other game court tile. This is imperative, so the balls bounce the same way at every point of the tile and do not die near the suspended ridges.

An Indoor Sport Floor must be solid, like an outdoor basketball court, a wooden dance floor or an ice hockey rink.

Our Multi Sport tile floor was designed to have the same rigid feel as an expensive wooden floor.

Because each tile locks together so tightly without any gaps or seams, the floor becomes monolithic meaning that all the tiles locked together become one single large tile. Technical advantages, developed with the input from many multi-sports facility operators:

- **Small, 10" X 10" tiles with five injection points - maintaining flatness throughout life**
- **Thick, heavy gauge surface structure, virtually indestructible; proven tension-free substructure - Precise, tight connections, virtually seamless – perfect for basketball, volleyball, skating, inline hockey, gymnastics and other sport games.**
- **An esthetical surface, hardly recognizable as being a tile floor**
- **Small slits dampen the drum effect of a solid top, reducing excessive noise**
- **Open suspension structure enables spilled fluids to disperse underneath the tile - Small surface slits allow for quick evaporation. Typical solid top tile without openings will often allow mildew to form underneath tile.**
- **Our tiles have a tiny profile (texture) for several important reasons including maintaining a positive grip at all times even when damp, while enabling volleyball slides and reducing the visibility of scratch marks and skid marks**

Multi Sport Product Specifications

MATERIALS

A. Multi Sport Suspended Flooring

1. **Description:** open grid design shall be 9.842" x 9.842" x 1/2" (25cm x 25cm x 12mm), high impact polypropylene copolymer suspended modules with open support structures for drainage. The tiles shall tightly interlock, without a physical trace of gaps or ridges.

2. A 3mm rolled rubber underlayment is recommended for multipurpose sport games.

Line Striping

A. **Tape Preferably, a special tape (3M-476) shall be used, which can easily be replaced every 24 months**

B. Paint

Primer: Recommended primer is DPX 801 by PPG Paint: aliphatic polyurethane paint

C. Ink

For large, colorful logos, special ink is recommended, with a layer of clear polyurethane paint coating

PHYSICAL PROPERTIES

MATERIAL TEST RESULTS

- A. Rockwell hardness (ASTM D 785): 74
- B. Heat deflection @ 66 psi (ASTM E 648): 195
- C. Melting point isotactic (ASTM D 2117): 305
- D. Auto-ignition temperature (ASTM D-1 929): 980° F
- E. Vicat softening point (ASTM D-1 525): 260° F
- F. Low temperature brittleness (ASTM D-2137): -25° F
- G. Co-efficient of Linear Thermal Expansion, (ASTM D - 696, E-831): 63×10^{-6} (in/in) / ° F
- H. E-Modulus (ASTM D-541 8) 126,000 psi (850MPa)
- I. Flex-Modulus (ASTM D-790) 122,000 psi
- J. Tensile Yield Strength (ASTM D-638) 3300 psi
- K. Elongation at Yield (ASTMD-638) 18%
- L. Notched Izod (ASTM D-256) 15 (ft-lbs / in) at 20° C

PRODUCT TEST RESULTS

- A. Flame spread Index (ASTM E-1 62): 55
- B. Smoke Development (ASTM E-162): 38
- C. Radiant Panel (ASTM E-84, 162, 648) .72 Watts/cm²
- D. Friction Test (ASTM C-1028) dry < .71 wet < .52
- E. Compression vs. crush (ASTM D-3998): no break
- F. Noise Reduction Coefficient (ASTM C-423) 25%
- G. Rolling Load (DIN 18032) Good
- H. R-Value < 1.0
- I. Flatness +/- 0.02 mm
- J. Load Bearing Capacity: > 20,000 pounds per tile.

SANITARY IN FORMATION

A. **Resistance to fungi (in compliance with ASTM G-). Basic organisms test (ATCC #6205) indicates zero growth.**

B. Resistance to the following:

- Bacteria and mildew resistance
- Gram-positive bacterial Staphylococcus Aureus
- Gram-negative Klebsiella Pneumonia
- Pink-staining organism.
- STV Reticulum
- Surface fungi growth prior to and following leaching.

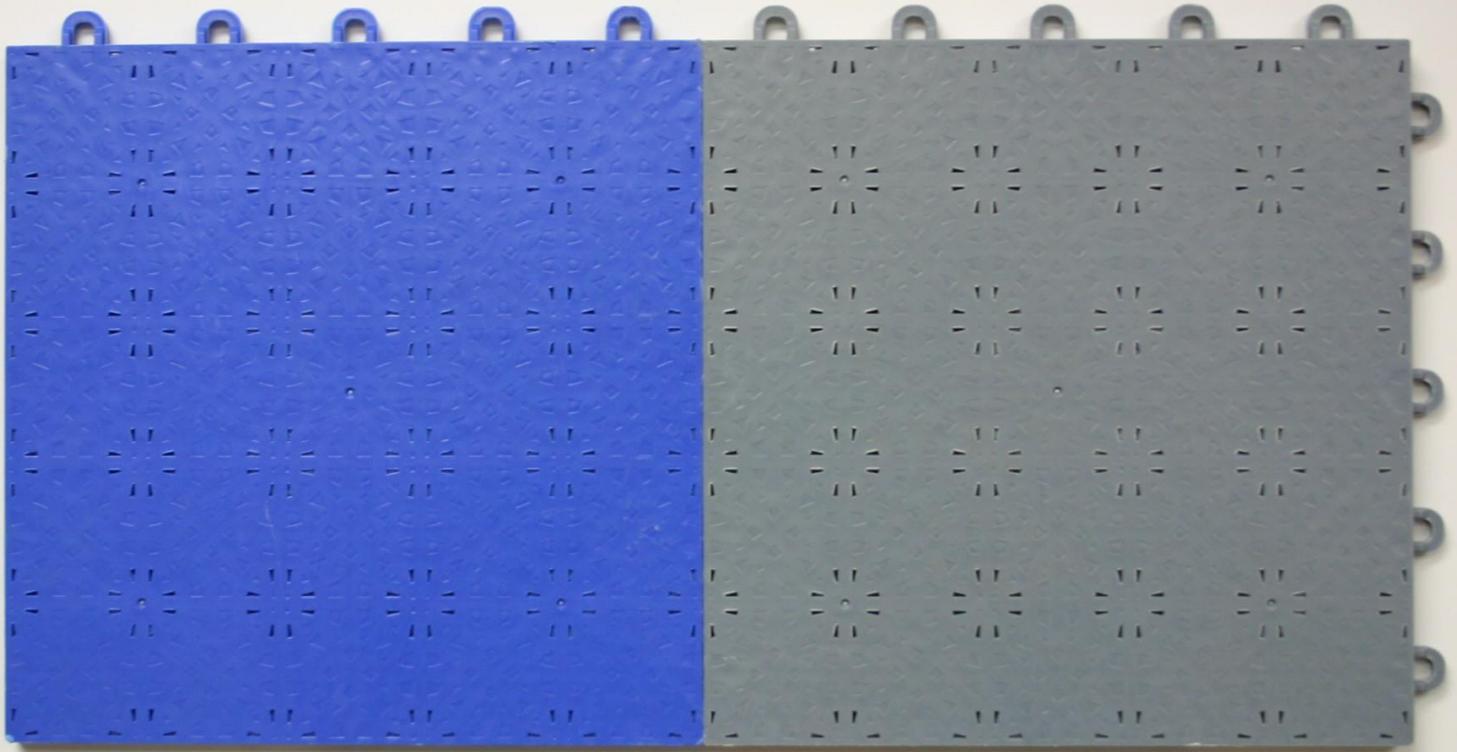
Maintenance & Cleaning Products:

Use a PH+ neutral Citrus Detergent* to clean dust, dirt and films on the surface, leaving no slippery residue and improving grip. Dilution Rate: add 1 part detergent to 40 parts warm water.

Black scuffmarks, caused by skate-toes and black shoe soles are removed with lacquer thinner. Wipe off with cloth or buffer. When using scrubber, spray lacquer thinner undiluted on spots in front of path.

Procedure: Recommended daily:

Dust-mop with damp 4 ft mop in the evenings or mornings before opening the facility, using warm water and a small amount of vinegar. Wash the mop after each usage and hang to dry for next day. Remove tenacious black scuff marks from black soles and skate toes with common Lacquer Thinner.




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