



VersaCourt Boost Tile System Specification

PART 1 - GENERAL

1.01 Description

- A. Scope of work: Furnishing of materials for the flooring system described below. The flooring is a modular interlocking suspended plastic tile system. Includes installation, application of game lines, and maintenance instructions for the flooring system.
- B. Related Work Specified Elsewhere
 - a. Installation of concrete, asphalt, or other base material.
 - b. Preparation of base to provide a medium broom surface finish with tolerances of (+) or (-) ¼" in any 10' radius.
 - c. Membrane waterproofing as determined by the project engineer.

PART II - WARRANTIES

2.01 Manufacturer's Limited Warranty

- A. VersaCourt outdoor flooring is covered under a limited lifetime warranty by the manufacturer for any defects in materials and workmanship.

2.02 Installers

- A. Installer shall provide a one (1) year warranty on his workmanship as it pertains to the installation of the modular flooring and accessories.

PART III - PRODUCT

3.01 Materials

- A. VersaCourt court tiles
 - a. Description – An injection molded, high impact plastic tile supplied in pre-assembled 9-tile sheets.
 - b. Size – 12" x 12" x 0.5" (30.48 cm x 30.48cm x 1.27cm)
 - c. Material – Specially blended high impact polypropylene copolymer. UV stabilizer and antioxidant additives are molded into each tile to insure protection against color fade and plastic deterioration & oxidations.



- d. Surface Texture – Specially designed flat top surface with open grid design provides a high grip surface in most weather conditions. NOTE: Plastic Boost tiles can become slippery when moisture is present on the surface.
 - e. Tile Interlocking Mechanism – The tile interlocking system is designed to allow for thermal expansion and contraction without causing the surface to buckle. It also provides the player with lateral forgiveness.
 - f. Colors – Standard colors and custom options available
 - g. Support Structure – Open profile design with reduced height to allow a variety of overlay flooring solutions. This provides a stable base while at the same time vertical flex.
 - h. Weight – 0.555 lbs.
- B. VersaCourt court ramp tiles
- a. Description – An injection molded, high impact plastic ramp tile. Used around the edge of court as ramp from ground to tile level.
 - b. Size – 12" x 2.75" x 0.5" thick
 - c. Material – Same as tile
 - d. Surface texture – Smooth
 - e. Tile Interlocking Mechanism – Same as tile
 - f. Colors – Same as tile
 - g. Support Structure – Same as tile
 - h. Weight – 0.17 lbs
- C. Line Stripe Painting
- a. Primer/Paint - A proprietary adhesion promoter and 2-Part polyurethane base, marine grade paint is required.
 - b. Logos – Custom logos may also be painted onto the surface of the tile.

PART IV – PHYSICAL PROPERTIES

4.01 Product Test Results

- A. Relative Abrasiveness (ASTM F1015): 20
- B. Friction (ASTM E-303 Friction): 97 Dry
- C. Standard Test Method for Static Load (ASTM F970): Load: 250 psi | Compression 0.008 inch
- D. Head Impact Coefficient (ASTM F1292): GMAX: 177 | HIC: 574 | Height Rating 12"
- E. Athletic Performance Properties (ASTM F2772):
 - a. Force Reduction: 11.9% | Class 1
 - b. Vertical Deformation: 0.9 mm | Class B



- c. Ball Rebound (Basketball): 99.5% | Passed
- d. Surface Finish Effect: 97 BPV | Passed
- F. Vertical Rebound Characteristics (ASTM F2117-10) 99.5%

PART V - EXECUTION

5.01 Installation

- A. VersaCourt court tile
 - a. Court tiles will be installed according to pre-approved layout.
 - b. Court tiles will be installed and/or supervised according to manufacturer's specifications by an authorized, factory trained dealer or representative.
- B. Game line painting
 - a. Floor surface shall be clean, dry, and free of debris.
 - b. Game lines shall be painted using a proprietary adhesion promoter and 2-Part polyurethane base, marine grade paint is required.

5.02 Maintenance

- A. Maintenance Procedure
 - a. It is recommended to keep the surface free of leaves, limbs, and grass clippings by using a leaf blower. Every 2-3 years it may be necessary to pull the tile up and sweep out any dirt or debris that may have accumulated under the tile.