



PART I – GENERAL

DESCRIPTION

Scope Of Work

1. The furnishing of materials, complete installation of the flooring systems described herein, including the interlocking, suspended, synthetic (polypropylene, high-impact, copolymer of proprietary formulation) modular tile system, and provide complete maintenance instructions for the system.

Related Work Specified Elsewhere

1. Installation of concrete, bituminous, or wood substrate.
2. Preparation of substrate to provide a medium-dense finish with level tolerances of (+) or (-) 1/8" or any 10 ft. radius.
3. Membrane waterproofing as determined by project engineer.
NOTE: Sport Court® flooring surfaces are not affected by moisture.

QUALITY ASSURANCE

Acceptable Installer

1. SPORT COURT® flooring shall be installed and/or supervised by an authorized factory-trained Dealer or Representative per the most recent installation instructions of the manufacturer.

STORAGE

Storage Of Material

1. The general contractor shall provide a secure, clean and dry location for storage of material.

JOB CONDITIONS

Schedule Of Installation

1. SPORT COURT® flooring must not be installed until all other trades are completely finished in the area and surrounding rooms.
2. Substrate should be level to specified tolerances, free of debris and materials, and broom-clean.

WARRANTY

Manufacturer's Limited Warranty

1. SPORT COURT® flooring shall be warranted by the manufacturer for any defects in materials and workmanship for a period of ten (10) years from the date of installation as set forth in the manufacturer's standard limited warranty. The first five (5) years being unconditional from the date of installation.

PART II - PRODUCTS

MATERIALS

DAYTONA™ Suspending Flooring

1. **Description:** Imperial, solid-top design shall be 12" x 12" x 1/2" (30.48cm x 30.48cm x 12.7mm), high-impact polypropylene, copolymer suspended modules with 793 support legs with equilateral triangle-support structure. **Weight:** 0.77 lbs. (349 g). The tile shall have a positive locking system with mechanical Lateral Forgiveness™. The tile shall also have a minimum ten (10) year limited warranty as manufactured by Sport Court, Inc., Salt Lake City, Utah.

PART III – PHYSICAL PROPERTIES

MATERIAL TEST RESULTS

- A. Rockwell hardness (ASTM D 785): 70 R
- B. Heat deflection @ 66 psi (ASTM D 648): 85°C
- C. Melting point isotactic (ASTM D 2117): 161°C
- D. Auto-ignition temperature (ASTM D 1929): 570°C
- E. Vicat softening point (ASTM D 1525): 128°C
- F. Low temperature brittleness (ASTM D 2137): -30°C
- G. CLTE: (ASTM D 696, E 831): 14.4 mm/mm°C x 10⁻⁵
- H. Tensile Yield Strength (ASTM D 638) 3,000 psi
- I. Elongation at Yield (ASTM D 638) 20%
- J. Notched Izod (ASTM D 256) 12 (FT-LBS / IN) at 23°C

PRODUCT TEST RESULTS

- A. Flame Spread Index (ASTM E 162): ≤ 65
- B. Smoke Generation (ASTM E 162): ≤ 280
- C. Radiant Panel (ASTM E 84, 162, 648): ≤ 0.66 Watts/cm²
- D. Friction Test (ASTM C1028) Dry /Wet: 0.72 / 0.54
- E. Static Dynamic (ASTM E303) Dry/ Wet: 0.66 / 0.35
- F. Noise Reduction Coefficient (ASTM C 423): 0.05
- G. R-Value: ≤ 1.0
- H. Flatness: 0.0mm
- I. Lateral Forgiveness™: +0.045 / -0
- J. Load Bearing Capacity: 180 psi

SANITARY INFORMATION

Resistance to fungi (when tested in compliance with ASTM G-21 and MIL standard 810-D procedure 508.3). All basic organisms tested (ATCC #6205-11797) and were found to have zero growth.

Resistance to the following:

1. Bacteria and mildew resistance
2. Gram-positive bacterial Staphylococcus Aureus
3. Gram-negative Klebsiella Pneumoniae
4. Pink-staining organism
5. STV Reticulum
6. Surface fungi growth prior to and following leaching

PART IV – EXECUTION

INSPECTION

Substrate

1. Substrate shall be checked by a factory-trained Dealer or Representative for contamination, dryness, and level. Any deviation from specification shall be reported in writing to the general contractor for correction.

DAYTONA™ Suspended Flooring

1. Floor will be installed to pre-approved layout.
2. Floor will be installed and/or supervised to manufacturer's specifications by an authorized, factory-trained Dealer or Representative.

MAINTENANCE

Maintenance Procedure

1. Flooring contractor shall provide a list of materials needed for proper care and maintenance of floor.
2. Flooring contractor shall provide a maintenance manual, which explains daily, weekly, and annual care of the suspended flooring system.