

POUR-IN-PLACE SURFACING (RUBBER MULCH PIP) TECHNICAL SPECIFICATIONS

PART 1 – GENERAL

1.1 SECTION REQUIREMENTS

- A. Submittals: A comprehensive package of product data, shop drawings, material samples, color samples and any additional information required to fully describe the contractor’s intent. Refer to article 24 of the General Conditions.
- B. The contractor shall be responsible for all permits required to complete the project.
- C. The work shall be performed in accordance with manufacturers specifications and guidelines, all local, state, and federal laws and regulations, and shall comply with the following standards:
 - 1) U.S. Consumer Product Safety Commission “Public Playground Safety Handbook”
 - 2) ASTM F1487 Standard Consumer Safety Performance Specification for Playground Equipment for Public Use
 - 3) ASTM F2373 Standard Consumer Safety Performance Specification for Public Use Play Equipment for Children 6 months through 23 months
 - 4) ASTM F1292 Standard Specification for Impact Attenuation of Surface Systems Under and Around Playground Equipment
 - 5) ASTM F2223 Standard Guide for ASTM Standards on Playground Surfacing
 - 6) ASTM F2479 Standard Guide for Specification, Purchase, Installation and Maintenance of Poured-In-Place Playground Surfacing
 - 7) ASTM F1951 Standard Specification for Determination of Accessibility of Surface Systems Under and Around Playground Equipment
 - 8) ASTM F2049 Standard Guide for Fences/Barriers for Public, Commercial, and Multi-Family Residential Use Outdoor Play Areas
- D. Quality Assurance: Installer Qualifications: Utilize an installer having demonstrated experience on projects of similar size and complexity.
- E. Warranties: Provide standard manufacturer’s written warranty, signed by manufacturer agreeing to promptly repair or replace rubber mulch pour-in-place surfacing that fail in materials or workmanship within 5 years from date of Substantial Completion.

PART 2 – PRODUCTS

2.1 RUBBER MULCH POUR-IN-PLACE SURFACING

- A. Loose Fill Rubber Mulch: Produced from 100% recycled tire buffing not to contain any steel or other materials unacceptable for safe playground surfacing.
 - 1. Basis of Design: Rainbow Turf Products, Loose Fill Rubber Mulch, Item #JUTB-621.

- a) Color: Jungle Mulch
 - b) Contact: 3125 Skyway Circle, Melbourne, FL 32934. Telephone: 1-888-653-7529; FAX: (321)242-3220; Email: info@rainbowturfproducts.com; website: <http://rainbowturfproducts.com>
- B. J-Curb Surfacing Border: Minimum 7 ¾" x 5 ½" x 4" curbing with 2" drainage outlets built into the curb designed for use in conjunction with pour-in-place materials.
1. Basis of Design: Rainbow Turf Products, J Curb, Item #BSB-JB553
 - a) Color: Earthtone
 - b) Contact: 3125 Skyway Circle, Melbourne, FL 32934. Telephone: 1-888-653-7529; FAX: (321)242-3220; Email: info@rainbowturfproducts.com; website: <http://rainbowturfproducts.com>
- C. Industrial Adhesive: Aromatic polyurethane binder designed for use in conjunction with pour-in-place surface materials.
1. Basis of Design: Rainbow Turf Products, Aliphatic Polyurethane Binder
 - a) Contact: 3125 Skyway Circle, Melbourne, FL 32934. Telephone: 1-888-653-7529; FAX: (321)242-3220; Email: info@rainbowturfproducts.com; website: <http://rainbowturfproducts.com>
- D. Auxillary Materials: Crushed stone sub-base and clean fill materials recommended by rubber mulch pour-in-place surfacing manufacturer.
- ## 2.2 PLAY STRUCTURE
- A. Play Structure (Alternate #1): Playcraft Systems Structure #41ACFA play system; Safety Use Zone: 36' x 30'; Color: Nature
- ## 2.3 SUBSTITUTIONS
- A. By project manager approval only. All material samples and submittals shall be made to the project manager and shall be pre-approved prior to installation.