

Suggested Specification  
SECTION 09 65 66 RESILIENT ATHLETIC FLOORING  
Pawling Pro-Tek® Model PL-200

**PART 1 GENERAL**

**1.01 SUMMARY**

- A. This section includes the following resilient athletic flooring:
  - 1. Interlocking Rubber Tile
- B. Related Sections
  - 1. Section 03 50 00 – Cast Decks And Underlayment
  - 2. Section 06 10 00 – Rough Carpentry

**1.02 REFERENCES**

- A. Abbreviations and Acronyms
  - 1. National Fire Protection Association (NFPA)
  - 2. American Society for Testing and Materials (ASTM)

**1.03 SUBMITTALS**

- A. General: Submit the following in accordance with Section 01 33 00 “Submittal Procedures”
- B. Product Data
  - 1. Data sheet illustrating product dimensions.
  - 2. Installation instructions.
- C. Samples for verification of design suitability, color, and finish.
  - 1. 6” (152) x 6” (152) Sample with at least one male or female interlock.
- D. Test reports from a qualified independent laboratory showing results in compliance to requirements indicated.

**1.04 QUALITY ASSURANCE**

- A. Manufacturer to have no less than 5 years experience in the production of rubber athletic tiles having successful in-service performance.
- B. Tiles shall interlock with visible gap between tiles not to exceed 1/16” (1.6).
- C. Color Control: Provide molded rubber tiles that meet visual evaluation of color to a controlled standard.

**1.05 DELIVERY, STORAGE, AND HANDLING**

- A. Storage: Store athletic tile indoors and unopened on solid flat surface in original packaging. Cover with dark polyethylene sheeting or other light protective covering until installation.
  - 1. Maintain temperature during storage between 40°- 100°F (4°- 38°C).
- B. Handling: Take adequate measure to prevent damage to materials.

**1.06 SITE CONDITIONS**

- A. Ambient Conditions: Do not install resilient athletic flooring until installation areas are enclosed and weatherproof. HVAC system must be operational and maintaining temperature at 65°-75°F (18°-24°C) for at least 72 hours prior to installation.

**PART 2 PRODUCTS**

**2.01 MANUFACTURERS**

- A. Pawling Corporation

Architectural Products  
32 Nelson Hill Rd  
Wassaic, NY 12592  
Tel: 800-431-3456  
www.pawling.com

## **2.02 DESCRIPTION**

- A. Model PL-100, 24" (610) x 24" (610) x 9/16" (14) Aerobic Tile™ rubber athletic tile with 11 5/8" (295) raised square pattern, traction nubs, and visible interlock. Adhesive free installation, indoor use only. Select from manufacturer's standard colors.

## **2.03 DESIGN AND PERFORMANCE CRITERIA**

- A. Flammability Characteristics:
  - 1. Class 1 Interior floor finish (NFPA 101 Life Safety) when tested in accordance with ASTM E648/NFPA 253.
    - a. Critical Radiant Flux: 0.45 W/cm<sup>2</sup> minimum
- B. Physical Properties:
  - 1. Specific Gravity: 1.46
  - 2. Durometer: 60 Shore A (ASTM D2240)
  - 3. Tensile: 871psi (ASTM D412)
  - 4. Elongation: 292% (ASTM D412)
  - 5. Tear Resistance: 84 lb/in (ASTM D624 Die C)
  - 6. Dielectric Strength: 545V/mil/21.4kV/mm (ASTM D149)

## **2.04 MATERIALS**

- A. Tile: Molded virgin SBR rubber, paraffin wax free, colored throughout. No laminated wear layer shall be accepted.

## **PART 3 EXECUTION**

### **3.01 EXAMINATION**

- A. Verify that HVAC is operating and installation area temperature has been maintained between 65°-75°F (18°-24°C) for at least 72 hours prior to installation.
- B. Verify substantial completion of work by other trades that require access through installation areas.

### **3.02 PREPARATION**

- A. Surface Preparation: Smooth irregularities that may prevent tile from laying flat. Clean substrate to remove dust and debris.

### **3.03 INSTALLATION**

- A. Acclimate materials to building conditions for at least 24 hours prior to installation.
- B. Install tile on hard substrate such as wood or concrete in accordance with manufacturer's installation instructions.

### **3.04 CLEANING**

- A. Following completed installation, clean tiles with Taski Profi - Oil and Grease Remover in accordance with manufacturer's instructions.

### **3.05 PROTECTION**

- A. Protect installed material from damage by other trades. Use materials that will not mark, stain, or leave residue on the product.

### **3.06 MAINTENANCE**

- A. Maintain flooring tile finish with Taski WiWax - Cleaning & Maintenance Emulsion in accordance with manufacturer's instructions.