



Suggested Specification
SECTION 09 65 66 RESILIENT ATHLETIC FLOORING
Amarco Products PT-100

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. Amarco Products
5 Powder Horn Dr.
Warren, NJ 07059
Tel: 866-688-6287
www.amarcomats.com

2.02 DESCRIPTION

- A. Model PT-100, 24" (610) x 24" (610) x 7/16" (11) rubber athletic tile with hammered finish 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/cm² 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.