

**PART 1 - GENERAL****1.1 SUMMARY**

- A. This Section includes the supply and installation of resilient athletic flooring including heterogeneous vinyl and rubber wall base. Section Includes:
1. Resilient Athletic Flooring.
  2. Johnsonite BaseWorks Thermoset rubber wall base.

**1.2 SUBMITTALS**

- A. Product Data: Submit for each type of product indicated.
- B. Samples for Verification: For each type of product indicated, in manufacturer's standard-size samples of each resilient product colour, texture and pattern required. .

**1.3 QUALITY ASSURANCE**

- A. Fire-Test-Response Characteristics: As determined by testing identical products according to ASTM E 648 or NFPA 253 by a qualified testing agency.
1. Critical Radiant Flux Classification: Class I, not less than 0.45 watts per square centimeter.
- B. Mock-ups: Provide resilient product with mock-ups specified.

**1.4 WARRANTY**

- A. Limited 5-year commercial warranty for manufacturing defects and that the products will not wear through

**1.5 DELIVERY, STORAGE AND HANDLING**

- A. Store resilient product and installation materials in dry spaces protected from the weather, with ambient temperatures maintained within range recommended by Johnsonite, but not less than 55 degrees F (13 degrees C) or more than 85 degrees F (29 degrees C).
- B. Handle products in accordance with manufacturer's printed recommendations.

**1.6 PROJECT CONDITIONS**

- A. Install resilient product after other finishing operations have been completed.
- B. Maintain ambient temperatures within range recommended by Johnsonite, but not less than 65 degrees F (18 degrees C) or more than 85 degrees F (29 degrees C) in spaces to receive resilient products during the following time periods:
1. 48 hours before installation.
  2. During installation.
  3. 48 hours after installation.
  4. Until Substantial Completion, maintain ambient temperatures within range recommended by Johnsonite.

**PART 2 –PRODUCTS****2.1 HETEROGENEOUS VINYL RESILIENT ATHLETIC SHEET FLOORING**

- A. **TRAINING** – Heterogeneous vinyl resilient athletic sheet flooring with the following physical characteristics:
- a. Complies with requirements for ASTM F 103 Standard Specification for Sheet Vinyl Sheet Floor Covering with Backing, Type I, Grade 1, Class C.
  - b. Constructed with a 0.28" (0.7 mm) thick urethane coated clear wear layer.
  - c. Roll/Sheet Width: 6'6" (2 m).
  - d. Wear layer/Overall thickness: .197" (5.0 mm).
  - e. ASTM E 648: Class 1.
  - f. ASTM D 2047, Standard Test Method for Static Coefficient of Friction of Polish-Coated Flooring or 0.6 or greater.
  - g. ASTM F 970, Standard Test Method for Static Load Limit – 175 PSI.
  - h. ASTM E 648, Standard Test Method for Critical Radiant Flux of 0.45 watts, cm<sup>2</sup> or greater, Class I.
  - i. Colour: To be selected by Contract Administrator.

**2.2 INSTALLATION MATERIALS**

- A. Trowelable Leveling and Patching Compounds: as recommended by Johnsonite to meet site conditions.
- B. Adhesives: as recommended by Johnsonite to meet site conditions.

**PART 3 – EXECUTION****3.1 EXAMINATION**

- A. Verify that finishes of substrates comply with tolerances and other requirements specified in other Sections and that substrates are free of cracks, ridges, depressions, scale and foreign deposits that might interfere with the adhesion of resilient products.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

**3.2 PREPARATION**

- A. Prepare concrete substrates according to Johnsonite written instructions to ensure adhesion of resilient athletic flooring.

**3.4 PROTECTION**

- A. Comply with manufacturer's written instructions for cleaning and protection of resilient products.
- B. Remove adhesive and other blemishes from exposed surfaces, sweep and vacuum surfaces thoroughly and damp mop surfaces to remove marks.
- C. Protect resilient surfaces with no traffic for 24 hours after installation.
- D. No heavy traffic, rolling loads, or furniture placement for 72 hours after installation.
- E. Cover resilient products until Substantial Completion.
- F. Wait 72 hours after installation before performing initial cleaning as recommended by Johnsonite.

**END OF SECTION**