

**SECTION 09 65 13**  
**RESILIENT BASE AND ACCESSORIES**

**PART 1 - GENERAL**

**1.1 SUMMARY**

- A. Section Includes:
  - 1. Resilient base (RB) adhered to interior walls and partitions.

**1.2 RELATED REQUIREMENTS**

- A. Sheet Flooring Integral Base: Section 09 65 16, RESILIENT SHEET FLOORING.

**1.3 APPLICABLE PUBLICATIONS**

- A. Comply with references to extent specified in this section.
- B. ASTM International (ASTM):
  - 1. F1344-15 - Rubber Floor Tile.
  - 2. F1859-14 - Rubber Sheet Floor Covering without Backing.
  - 3. F1860-14 - Rubber Sheet Floor Covering with Backing.
  - 4. F1861-08(2012)e1 - Resilient Wall Base.
  - 5. D4259-88(2012) - Abrading Concrete.
- C. Federal Specifications (Fed. Spec.):
  - 1. RR-T-650E - Treads, Metallic and Non-Metallic, Skid-Resistant.
- D. International Concrete Repair Institute (ICRI):
  - 1. 310.2R-13 - Selecting and Specifying Concrete Surface Preparation for Sealers, Coatings, and Polymer Overlays.

**1.4 SUBMITTALS**

- A. Submittal Procedures: Section 01 33 23, SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES.
- B. Manufacturer's Literature and Data:
  - 1. Description of each product.
  - 2. Adhesives and primers indicating manufacturer's recommendation for each application.
  - 3. Installation instructions.
- C. Samples:
  - 1. Resilient Base: 150 mm (6 inches) long, each type and color.
- D. Sustainable Construction Submittals:
  - 1. Recycled Content: Identify post-consumer and pre-consumer recycled content percentage by weight.
- E. Operation and Maintenance Data:
  - 1. Care instructions for each exposed finish product.

### **1.5 DELIVERY**

- A. Deliver products in manufacturer's original sealed packaging.
- B. Mark packaging, legibly. Indicate manufacturer's name or brand, type, color, production run number, and manufacture date.
- C. Before installation, return or dispose of products within distorted, damaged, or opened packaging.

### **1.6 STORAGE AND HANDLING**

- A. Store products indoors in dry, weathertight facility.
- B. Protect products from damage when handling and during construction operations.

### **1.7 FIELD CONDITIONS**

- A. Environment:
  - 1. Product Temperature: Minimum 21 degrees C (70 degrees F) for minimum 48 hours before installation.
  - 2. Work Area Ambient Temperature Range: 21 to 27 degrees C (70 to 80 degrees F) continuously, beginning 48 hours before installation.
  - 3. Install products when building is permanently enclosed and when wet construction is completed, dried, and cured.

### **1.8 WARRANTY**

- A. Construction Warranty: FAR clause 52.246-21, "Warranty of Construction."

## **PART 2 - PRODUCTS**

### **2.1 PRODUCTS**

- A. Provide each product from one manufacturer and from one production run.
- B. Provide resilient stair treads and sheet rubber flooring from same manufacturer.
- C. Sustainable Construction Requirements:
  - 1. Sheet Rubber Flooring Recycled Content: 90 percent total recycled content, minimum.
  - 2. Low Pollutant-Emitting Materials: Comply with VOC limits specified in Section 01 81 13, SUSTAINABLE CONSTRUCTION REQUIREMENTS for the following products:
    - a. Flooring Adhesives and Sealants.

### **2.2 RESILIENT BASE**

- A. Resilient Base: 3 mm (1/8 inch) thick, 100 mm (4 inches) high.
  - 1. Type: Rubber or vinyl; use one type throughout.
  - 2. ASTM F1861, Type TP thermoplastic rubber or Type TV thermoplastic vinyl, Group 2 - layered.

B. Applications:

1. Other Locations: Style B - Cove.

**2.3 RESILIENT STAIR TREADS: - NOT USED**

**2.4 SHEET RUBBER FLOORING: - NOT USED**

**2.5 PRIMER (FOR CONCRETE FLOORS): - NOT USED**

**2.6 LEVELING COMPOUND (FOR CONCRETE FLOORS)**

- A. Leveling Compound: Provide products mixed with latex or polyvinyl acetate resins.

**2.7 ADHESIVES**

- A. Adhesives: Low pollutant-emitting, water based type recommended by adhered product manufacturer for each application.

**PART 3 - EXECUTION**

**3.1 PREPARATION**

- A. Examine and verify substrate suitability for product installation.
- B. Protect existing construction and completed work from damage.
- C. Correct substrate deficiencies.
1. Fill cracks, pits, and depressions with leveling compound.
  2. Remove protrusions; grind high spots.
  3. Apply leveling compound to achieve 3 mm (1/8 inch) in 3 m (10 feet) maximum surface variation.
- D. Clean substrates. Remove contaminants capable of affecting subsequently installed product's performance.
1. Mechanically clean concrete floor substrate according to ASTM D4259.
  2. Surface Profile: ICRI Guideline No. 310.2R.
- E. Allow substrate to dry and cure.
- F. Perform flooring manufacturer's recommended bond, substrate moisture content, and pH tests.

**3.2 INSTALLATION GENERAL**

- A. Install products according to manufacturer's instructions.
1. When instructions deviate from specifications, submit proposed resolution for Contracting Officer consideration.

**3.3 RESILIENT BASE INSTALLATION**

- A. Applications:
1. Install resilient base in rooms scheduled on Drawings.
  2. Install resilient base on casework and locker toe spaces/, and other curb supported fixed equipment.
  3. Extend resilient base into closets, alcoves, and cabinet knee spaces, and around columns within scheduled room.

- B. Lay out resilient base with minimum number of joints.
  - 1. Length: 600 mm (24 inches) minimum, each piece.
  - 2. Locate joints 150 mm (6 inches) minimum from corners and intersection of adjacent materials.
- C. Installation:
  - 1. Apply adhesive uniformly for full contact between resilient base and substrate.
  - 2. Set resilient base with hairline butted joints aligned along top edge.
- D. Field Factory form corners and end stops.
  - 1. V-groove back of outside corner.
  - 2. V-groove face of inside corner and notch cove for miter joint.
- E. Roll resilient base ensuring complete adhesion.

**3.4 RESILIENT STAIR TREAD INSTALLATION: - NOT USED**

**3.5 SHEET RUBBER FLOORING INSTALLATION: - NOT USED**

**3.6 CLEANING**

- A. Remove excess adhesive before adhesive sets.
- B. Clean exposed resilient base, and surfaces. Remove contaminants and stains.
  - 1. Clean with mild detergent. Leave surfaces free of detergent residue.
- C. Polish exposed resilient base to gloss sheen.

**3.7 PROTECTION**

- A. Prohibit traffic on resilient sheet rubber flooring 72 hours, minimum, after installation.
- B. Protect products from construction traffic and operations.
  - 1. Maintain protection until directed by Contracting Officer's Representative.
- C. Replace damaged products and re-clean.
  - 1. Damaged Products include cut, gouged, scraped, torn, and unbonded products.

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