

**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. F1861-08(2012)e1 - Resilient Wall Base.
  2. 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.
  2. Low Pollutant-Emitting Materials:
    - a. Stair Treads and Sheet Rubber Flooring: Submit FloorScore label.
    - b. Show volatile organic compound types and quantities.
- 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. Basis of Design: See drawings sheet AE901 ROOM FINISH SCHEDULE.
- B. Provide each product from one manufacturer and from one production run.
- C. Provide resilient stairtreads and sheet rubber flooring from same manufacturer.
- D. Sustainable Construction Requirements:
  - 1. 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, RB-1: 100 mm (4 inches) high, and PRB-1: 150mm (6 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. Locations per AE901 ROOM FINISH SCHEDULE: Style B - Cove.

**2.3 PRIMER (FOR CONCRETE FLOORS)**

- A. Primer: Type recommended by adhesive manufacturer.

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

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

**2.5 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. 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 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 CLEANING**

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

#### **3.5 PROTECTION**

- A. Protect products from construction traffic and operations.
  1. Maintain protection until directed by Contracting Officer's Representative.
- B. Replace damaged products and re-clean.
  1. Damaged Products include cut, gouged, scraped, torn, and unbonded products.

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