

**PART 1 GENERAL****1.01 SECTION INCLUDES**

- A. Resilient sheet flooring.
- B. Resilient base.
- C. Installation accessories.

**1.02 SUBMITTALS**

- A. See Section 01 3000 - Administrative Requirements, for submittal procedures.
- B. Shop Drawings: Indicate seaming plans and floor patterns.
- C. Verification Samples: Submit two samples, \_\_\_ by \_\_\_ inch in size illustrating color and pattern for each resilient flooring product specified.
- D. Samples for Selection: Submit manufacturer's standard color palette for selection of edge strips.

**1.03 DELIVERY, STORAGE, AND HANDLING****1.04 EXTRA MATERIALS**

- A. See Section 01 6000 - Product Requirements, for additional provisions.
- B. Provide 100 sq ft of flooring, 20 \_\_\_ lineal feet of base, and 5 percent of installed stair materials of each type and color specified.

**PART 2 PRODUCTS****2.01 SHEET FLOORING**

- A. Linoleum Sheet Flooring - Type \_\_\_: Homogeneous wear layer bonded to backing, with color and pattern through wear layer thickness.
  - 1. Minimum Requirements: Comply with ASTM F2034, Type corresponding to type specified.
  - 2. Backing: Jute fabric.
  - 3. Thickness: 0.100 inch, minimum, excluding backing.

**2.02 STAIR COVERING****2.03 RESILIENT BASE**

- A. Resilient Base - Type \_\_\_: ASTM F1861, Type TS rubber, vulcanized thermoset; top set Style B, Cove.
  - 1. Height: 4 inch.
  - 2. Thickness: 0.125 inch.
  - 3. Finish: Satin.

**2.04 ACCESSORIES**

- A. Provide only products meeting VOC Restrictions indicated in Section 01 6116.
- B. Concrete Slab Crack and Joint Filler: Cementitious-based compounds, pre-mixed or jobsite mixed.
- C. Primers, Adhesives, and Seaming Materials: Waterproof, low VOC-types recommended by flooring manufacturer.
  - 1. At patient and exam rooms, provide two-part hard-setting epoxy adhesive.
    - a. Acceptable Manufacturers:
      - 1) Forbo Linoleum #660
      - 2) Substitutions: See Section 01 6000 - Product Requirements.
- D. Edge and Transition Strips:
  - 1. Manufacturer: Provide product from one of the following manufacturers
    - a. Flexco
    - b. Johnsonite
    - c. Roppe
- E. Filler for Coved Base: Plastic.

- F. Sealer or Wax: Types recommended by flooring manufacturer.

## **PART 3 EXECUTION**

### **3.01 EXAMINATION**

- A. Verify that surfaces are flat to tolerances acceptable to flooring manufacturer, free of cracks that might telegraph through flooring, clean, dry, and free of curing compounds, surface hardeners, and other chemicals that might interfere with bonding of flooring to substrate.
- B. Verify that sub-floor surfaces are smooth and flat within the tolerances specified for that type of work and are ready to receive resilient flooring.
- C. Verify that wall surfaces are smooth and flat within the tolerances specified for that type of work, are dust-free, and are ready to receive resilient base.
- D. Verify that sub-floor surfaces are dust-free and free of substances that could impair bonding of adhesive materials to sub-floor surfaces.

### **3.02 PREPARATION**

- A. Pre-ventilation: Pre-ventilate carpet by unrolling in a well-ventilated and unoccupied space for a minimum of four hours.
- B. Prepare floor substrates as recommended by flooring and adhesive manufacturers.
- C. Clean and fill concrete slab cracks and control joints as recommended by flooring manufacturers.
- D. Clean substrate.

### **3.03 INSTALLATION - GENERAL**

- A. Starting installation constitutes acceptance of sub-floor conditions.
- B. Install in accordance with manufacturer's written instructions.

### **3.04 INSTALLATION - GENERAL**

- A. Provide transition strips at the following transitions, when they occur on the project:
  - 1. Resilient flooring to carpet.
  - 2. Resilient flooring to unfinished floor.
  - 3. At transitions not otherwise noted on the Drawings.

### **3.05 INSTALLATION - SHEET FLOORING**

- A. Install in accordance with manufacturer's instructions.
- B. Spread only enough adhesive to permit installation of materials before initial set.
- C. Set flooring in place, press with heavy roller to attain full adhesion.
- D. Lay flooring with joints and seams parallel to longer room dimensions, to produce minimum number of seams. Lay out seams to avoid widths less than 1/3 of roll width; match patterns at seams.
- E. Finish seams in rubber flooring by heat welding.
- F. Where floor finishes are different on opposite sides of door, terminate flooring under centerline of door.
- G. Coved Base: Install as detailed on drawings, using coved base filler as backing at floor to wall junction. Extend sheet flooring vertically to height indicated, and cover top edge with metal cap strip.
- H. Scribe flooring to walls, columns, cabinets, floor outlets, and other appurtenances to produce tight joints.

### **3.06 INSTALLATION - TILE FLOORING**

- A. Install in accordance with manufacturer's instructions.
- B. Mix tile from container to ensure shade variations are consistent when tile is placed, unless otherwise indicated in manufacturer's installation instructions.

- C. Spread only enough adhesive to permit installation of materials before initial set.
- D. Set flooring in place, press with heavy roller to attain full adhesion.
- E. Lay flooring with joints and seams parallel to building lines to produce symmetrical pattern.
- F. Where floor finishes are different on opposite sides of door, terminate flooring under centerline of door.
- G. Install edge strips at unprotected or exposed edges, where flooring terminates, and where indicated. Before installation of flooring, secure metal strips with stainless steel screws.
- H. Scribe flooring to walls, columns, cabinets, floor outlets, and other appurtenances to produce tight joints.

### **3.07 INSTALLATION - RESILIENT BASE**

- A. Fit joints tightly and make vertical. Maintain minimum dimension of 18 inches between joints.
- B. Install base on solid backing. Bond tightly to wall and floor surfaces.
- C. Scribe and fit to door frames and other interruptions.

### **3.08 INSTALLATION - STAIR COVERINGS**

- A. Install stair coverings in one piece for full width and depth of tread.
- B. Adhere over entire surface. Fit accurately and securely.

### **3.09 CLEANING**

- A. Remove excess adhesive from floor, base, and wall surfaces without damage.
- B. Clean in accordance with manufacturer's written instructions.
- C. Clean, seal and/or wax resilient flooring products in accordance with manufacturer's instructions.

**END OF SECTION**