

SECTION 09650  
RESILIENT FLOORING

1 PART 1 GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of Contract including General and Supplementary Conditions and Division 1 specification sections apply to Work of this section.

1.2 SECTION INCLUDES

- A. Resilient sheet, tile flooring and base.

1.3 SYSTEM DESCRIPTION

- A. Resilient Flooring: Conform to applicable code for flame/smoke rating requirements of 75/450 in accordance with ASTM E84 and critical radiant flux (CRF) of 0.45 per ASTM E648.

1.4 EXTRA MATERIAL

- A. Provide 5% of resilient flooring of each type, color and pattern.

2 PART 2 PRODUCTS

2.1 TILE MATERIALS

- A. Vinyl Composition Tile: ASTM F1066 FS SS-T-312B, Type IV
  1. Size: 12 x 12 inch.
  2. Thickness: 0.125 inch.
  3. Pattern: Marbleized
  4. Manufacturers:
    - a. Armstrong World Industries Inc.
    - b. Azrock Industries Inc.
    - c. Kentile Floors Inc.
    - d. Mannington Mills Inc.
    - e. Tarkett Inc.

2.2 ACCESSORIES

- A. Subfloor Filler: Type recommended by floor material manufacturer.
- B. Primers and Adhesives: Waterproof, type recommended by floor material manufacturer.
- C. Base: Vinyl top set covered :
  1. Height: 4 inch.

2. Thickness: 0.080 inch thick.
  3. Finish: Satin
  4. Length: Roll.
  5. Manufacturers:
    - a. Armstrong World Industries Inc.
    - b. Azrock Industries Inc.
    - c. Johnsonite
    - d. Kentile Floors Inc.
    - e. Tarkett Inc.
- D. Moldings and Edge Strips: Vinyl, manufactured by Johnsonite.
- E. Sealer and Wax: Types recommended by floor material manufacturer.

### 3 PART 3 EXECUTION

#### 3.1 EXAMINATION AND PREPARATION

- A. Verify that concrete floors are dry to maximum moisture content of 7 percent, and exhibit negative alkalinity, carbonization, and dusting.
- B. Fill minor low spots and other defects with subfloor filler.
- C. Clean substrate.
- D. Apply primer as required to prevent "bleed-thru" or interference with adhesion by substances that cannot be removed.

#### 3.2 INSTALLATION - SHEET AND TILE MATERIAL

- A. Install in accordance with manufacturer's instructions.
- B. Spread adhesive and set flooring in place. Press with heavy roller to attain full adhesion.
- C. Install tile flooring with joints and seams parallel to building lines, with grain running in one direction. Allow minimum 1/2 full size tile width at room or area perimeter.
- D. Install sheet flooring with seams parallel to width of room. Provide minimum of 1/3 full roll width. Double cut sheet and continuously seal with heat weld and butt joints hairline.
- E. Scribe flooring to produce tight joints at items that penetrate flooring.
- 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 secure resilient strips by adhesive.

#### 3.3 INSTALLATION - BASE MATERIAL

- A. Adhere base tight to wall and floor surfaces.

- B. Fit joints tightly and make vertical. Miter internal corners. At external corners, V cut back of base strip to  $2/3$  of its thickness and fold.

#### 3.4 CLEANING

- A. Remove excess adhesive from surfaces without damage.
- B. Clean, seal, and wax surfaces in accordance with manufacturer's instructions.

...END OF SECTION