

SECTION 09 65 00

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 vinyl 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 SUBMITTALS

- A. Shop Drawings: Indicate seaming plan, method of joining seams, direction of pattern, and location of edge moldings and transition strips.
- B. Samples: Submit samples of each flooring type for selection of color and pattern.
- C. Product Data: Provide product data on each flooring type and installation materials.

1.5 EXTRA MATERIAL

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

2 PART 2 PRODUCTS - Refer to Interior Finish Legend for schedule of materials.

2.1 SHEET MATERIALS

- A. Homogeneous Vinyl Sheet: Armstrong "Commission Plus", or equal.
  - 1. Total Thickness: 0.080 inch nominal.
  - 2. Wear Layer: 0.020 inch minimum.
  - 3. Sheet Width: 72 inch minimum.
  - 4. Backing: ASTM F 1303 Class A, Grade 1, Type 1.
  - 5. Static Load Limit: ASTM F 970: 175 psi.
  - 6. Manufacturers:
    - a. Armstrong World Industries Inc.
    - b. Congoleum Corp.
    - c. Mannington Mills Inc.
    - d. Tarkett Inc.

## 2.2 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.

## 2.3 ACCESSORIES

### A. Subfloor Filler: Type recommended by floor material manufacturer.

### B. Primers and Adhesives: Waterproof, type recommended by floor material manufacturer.

1. Flooring Adhesive: VOC emissions not to exceed 50 g/L .
2. Cove Base Adhesive: VOC emissions not to exceed 50 g/L.

### C. Base: Vinyl top set coved:

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. Stair Tread/Riser: Johnsonite Raised Round Tread and Cove Base Riser for Visually Impaired; solid color rubber with contrasting grit strip.

### F. Sealer and Wax: Types recommended by floor material manufacturer.

### G. Underlayment: 15/32" APA rated Underlayment.

## 3 PART 3 EXECUTION

### 3.1 EXAMINATION AND PREPARATION

- #### A.
- Conduct tests as required to verify that concrete floors are dry to maximum moisture content of 7 percent, and exhibit negative alkalinity, carbonization, and dusting.

- B. Fill low spots and other defects with subfloor filler as recommended by flooring manufacturer.
- 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. Install underlayment under all resilient flooring.
- C. Spread adhesive and set flooring in place. Press with heavy roller to attain full adhesion.
- D. 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.
- E. 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.
- F. Scribe flooring to produce tight joints at items that penetrate flooring.
- G. Where floor finishes are different on opposite sides of door, terminate flooring under centerline of door.
- H. Install edge strips at unprotected or exposed edges, where flooring terminates, at face of tub/shower units, 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 prior to substantial completion.

...END OF SECTION 09 65 00