

SECTION 096500

RESILIENT FLOORING

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Resilient Sheet Flooring (SV-1)
- B. Luxury Vinyl Tile (LVT)
- C. Vinyl Composition Tile (VCT)
- D. Vinyl Base
- E. Stair Treads and Nosing

1.2 SYSTEM DESCRIPTION

- A. Floor Materials: Conform to applicable code for flame/smoke rating requirements in accordance with ASTM E84.

PART 2 PRODUCTS

2.1 SHEET VINYL AND VINYL COMPOSITION TILE MATERIALS

- A. Sheet Vinyl (SV-1) – ASTM E648 and 662, color and pattern through total thickness:
 - 1. Sheet Width: 79 inches
 - 2. Manufacturers: Equal to Forbo Eternal Material
- B. Luxury Vinyl Tile (LVT) – ASTM E648 and 662, color and pattern through total thickness:
 - 1. Tile Size: Manufacturers Standard
 - 2. Manufacturers: Equal to Forbo Allura Wood LVT HQ
- C. Vinyl Composition Tile: (VCT) ASTM F1066:
 - 1. Size: 12 x 12 inch
 - 2. Thickness: 1/8 inch
 - 3. Design: marbleized
 - 4. Manufacturers:
 - a) Armstrong Style Standard Excelon
 - b) Tarkett Basic or Expressions
 - c) Azrock – Vinyl Composition Tile

2.2 BASE MATERIALS

- A. Base: FS SS-W-40, Vinyl; top set coved toe at resilient flooring, toeless at carpeting; premolded external corners:
 - 1. Height: 4 inch in all areas except lavatories, bathrooms, and laundry room where 6 inch high base is required

Thickness: .080 gauge

2. Manufacturers:
- a) Armstrong Style Standard Vinyl Base
 - b) Tarkett Standard Cove Base
 - c) Roppe Vinyl Cove Base
 - d) Johnsonite Vinyl Base

- B. Base Accessories: Premolded end stops & external corners, of same material, size & color as base.

2.3 STAIR TREADS AND RISERS

- A. Stair Treads and Risers: ASTM E648; full width and depth of stair tread in one piece; Full width and height of Stair Riser in one piece suitable for installation over Wood Treads and Risers.

Material: Rubber

Thickness: 1/8 Inch

Pattern: Heavy Duty Diamond Tread – Round Nose

Manufacturers: Johnsonite or Equal

2.4 ACCESSORIES

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

- B. Adhesives

- 1. All adhesives used for installation of flooring material shall be those recommended by the flooring manufacturer to suit the grade level, subfloor conditions and usage conditions.
- 2. All adhesives shall be low VOC or no VOC rated
- 3. Adhesive Wet Areas
The following rooms are to be considered WET AREAS: Bathrooms, Lavatories, Mechanical Rooms, Laundry and Janitor's Closets. An adhesive rated for wet area installation shall be utilized.

- C. Vinyl Composition Tile (VCT) – Waterproof, Type recommended by floor material manufacturer. (Low VOC)

- D. Edge Strips: Vinyl Snap in type equal to Roppe #152 Snap Down Divider with #178 Flexi-Track. Color to be selected by the Architect.

PART 3 EXECUTION

3.1 EXAMINATION AND PREPARATION

- A. Verify wood floor underlayment type and installation are in accordance with the manufacturers recommendations for the specific flooring type that is being installed.
- B. Verify concrete floors are dry to a maximum moisture content of 7 percent, and exhibit negative alkalinity, carbonization, or dusting.
- C. Fill minor or local low spots and other defects with subfloor filler.
- D. Vacuum Clean Substrate

3.2 INSTALLATION - SHEET 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. All sheet flooring seams in kitchen, restrooms, bathrooms and laundry to be heat welded. (Note: SV Installation to be seamless)
- D. Tile Flooring
Install tile flooring with joints and seams parallel to building lines. Allow minimum 1/2 full size tile width at room or area perimeter.
- E. Terminate flooring at centerline of closed door at openings where adjacent floor finish is dissimilar. Install edge strips where flooring terminates.
- F. Scribe flooring to appurtenances to produce tight joints.

3.3 INSTALLATION - BASE MATERIAL

- A. Adhere base tight to wall and floor surfaces.
- B. Fit joints tight and vertical. Miter internal corners. At external corners, V cut back of base strip to 2/3 of its thickness and fold.

3.4 INSTALLATION – RUBBER TREADS AND RISERS

- A. Install in accordance with the manufacturers instructions.
- B. Adhere materials tight to wall at stair surfaces.

3.5 CLEANING

- A. Vinyl Composition Tile – Clean, strip, seal and wax surfaces in accordance with manufacturers instructions.
- B. Remove excess adhesive from surfaces without damage.
LVT Flooring – wash and dry buff as recommended by the manufacturer.
- C. Clean and Finish all other Resilient Flooring in accordance with the manufacturers requirements.

END OF SECTION