

DIVISION 9 - FINISHES

SECTION 09650

RESILIENT FLOORING

PART 1: GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and general provisions of Contract, including General and Supplementary Conditions and Division 1 Specifications Sections, apply to this Section.

1.02 SECTION INCLUDES

- A. 4" x 36" Luxury Vinyl Tile by Shaw from Uncommon Ground Collection.

1.03 SYSTEM DESCRIPTION

- A. Floor Materials: Conform to applicable code for flame/smoke rating requirements of in accordance with ASTM E84.
 - 1. Critical Radiant Flux: 0.45 watts per sq. cm or more per ASTM E 648.
 - 2. Smoke Density: Less than 450 per ASTM E 662.

1.04 DELIVERY, STORAGE AND HANDLING

- A. Deliver tiles and installation accessories to Project site in original manufacturer's unopened containers. Follow manufacturer shipping and handling instructions.
- B. Store in dry spaces protected from weather and maintain ambient temperature between 50 deg F and 90 deg F.

1.05 PROJECT CONDITIONS

- A. Maintain a minimum temperature of 70 deg F in spaces to receive tile at least 48 hours before and after installation. After installation maintain a temperature of not less than 55 deg. F. Tiles should be same temperature as space at time of installation.
- B. Close spaces to traffic during tile installation.
- C. Schedule installation of tile in sequence with other work after finishing operations including painting have been completed.

1.06 EXTRA MATERIALS

- A. Deliver extra materials to Owner. Furnish extra materials matching product installed.
- B. Furnish not less than one box for each 50 boxes or fraction thereof of each class, wearing surface, color pattern and size of resilient floor tile installed.

1.07 WARRANTY

- A. 10 year limited wear warranty and a 2-year limited warranty against any manufacturing defects/

PART 2: PRODUCTS

2.01 TILE MATERIALS

- A. Luxury Vinyl Tile: ASTM F1066:
 - 1. Size: 4" x 36" Nominal. Other sizes may be considered if manufacturer offers additional sizes.
 - 2. Thickness: 20 mil LVT
 - 4. Class: Class 2 (Through Pattern Tile).
 - 5. Wearing Layer: Smooth
 - 6. Color: As selected by Architect from manufacturer's full range of colors and patterns produced for tile of class, wearing surface, thickness, size and pattern specified.
 - 7. Acceptable Manufacturers:
 - a. Shaw Hard Surface
 - 8. Floor Pattern: Verify floor pattern from architectural sheet showing floor pattern finish.

2.02 ACCESSORIES

- A. Subfloor Filler: Use type recommended by floor material manufacturer.
- B. Primers and Adhesives: Waterproof, type recommended by floor material manufacturer.
- C. Edge Strips: Flooring Material or as recommended by floor material manufacturer.
- D. Sealer and Wax: Types recommended by floor material manufacturer.
- E. For all accessories used that are recommended by floor material manufacturer, Contractor will be required to submit written information verifying manufacturer recommendations prior to any installation or other work to be done.

PART 3: EXECUTION

3.01 EXAMINATION AND PREPARATION

- A. Verify concrete floors are dry to a maximum moisture content of 7 percent, and exhibit negative alkalinity, carbonization, or dusting.
- B. Fill minor or local low spots and other defects with subfloor filler.
- C. Vacuum clean substrate.
- D. Apply primer to surfaces.

3.02 INSTALLATION - 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 and borders with joints and seams parallel to building lines. Allow minimum 1/2 full size tile width at room or area perimeter and border if applicable.
- D. Terminate flooring at centerline of door openings where adjacent floor finish is dissimilar. Install edge strips where flooring terminates.

- E. Scribe flooring to appurtenances to produce tight joints.
- F. At movable partitions install flooring under partitions without interrupting floor pattern.
- G. Install feature strips, edge strips where indicated. Fit joints tightly.

3.03 CLEANING

- A. Remove excess adhesive from surfaces without damage.
- B. It will be the Contractor's responsibility to Strip and clean tile prior to applying manufacturer's recommended sealer and wax finish.
- C. Clean, seal, and wax surfaces in accordance with manufacturer's instructions prior to delivery to Owner.

END OF SECTION - 09650