

SECTION 09 65 00

RESILIENT FLOORING

PART 1 GENERAL

1.01 SECTION INCLUDES

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

1.02 SUBMITTALS

- A. See Section 01 33 00- Submittal Procedures.
- B. Product Data: Provide data and two (2) samples on specified products, describing physical and performance characteristics; including sizes, patterns and colors available; and installation instructions.
- C. Selection Samples: Submit manufacturer's complete set of color samples for Architect's initial selection.
- D. Verification Samples: Submit two samples, full size illustrating color and pattern for each resilient flooring product specified.
- E. Concrete Testing Standard for concrete slabs, and concrete floors, new or old: Submit a copy of ASTM F710, and ASTM F1869.
- F. Certification: Prior to installation of flooring, submit written certification by flooring manufacturer and adhesive manufacturer that condition of sub-floor is acceptable.
- G. Maintenance Data: Include maintenance procedures, recommended maintenance materials, and suggested schedule for cleaning, stripping, and re-waxing.
- H. HPI Report: Report VOC emission of flooring; VOC content of adhesives.
- I. Maintenance Materials: Furnish the following for Glendale Unified School District's use in maintenance of project.
 - 1. See Section 01 60 00- Product Requirements, for additional provisions.
 - 2. Extra Flooring Material: 120 square feet of each type and color.
 - 3. Extra Wall Base: 50 linear feet of each type and color.

1.03 QUALITY ASSURANCE

- A. Comply with Specifications of the California Department of Public Health (CDPH) Standard Practice.
- B. HPI requirements:
 - 1. See Section 01 61 13- Volatile Organic Compound Content Requirements.
 - 2. Adhesives: Meet the volatile organic chemicals (VOC) content requirements in the applicable category of South Coast Air Quality Management District (SCAQMD) Rule 1168, Adhesive and Sealant Applications (current version).
 - 3. Adhesives must follow the specifications of the CDPH Standard Practice.

1.04 FIELD CONDITIONS

- A. Maintain temperature in storage area between 55 degrees F and 90 degrees F.

- B. Store materials for not less than 48 hours prior to installation in area of installation at a temperature of 70 degrees F to achieve temperature stability. Thereafter, maintain conditions above 55 degrees F.

PART 2 PRODUCTS

2.01 TILE FLOORING

- A. Vinyl Composition Tile: Homogeneous, with color extending throughout thickness, and:
 - 1. Minimum Requirements: Comply with ASTM F1066, of Class corresponding to type specified.
 - 2. Flooring shall have a coefficient of friction of at least 0.6 per ASTM D2047. CBC 11240.1 and ADA Standards 4.5.1.
 - 3. Size: 12 x 12 inch.
 - 4. Thickness: 0.125 inch.
 - 5. Pattern: Marbleized.
 - 6. Manufacturers:
 - a. Armstrong World Industries, Inc; Product As indicated on drawings: www.armstrong.com.
 - b. Substitutions: See Section 01 60 00 - Product Requirements.

2.02 RESILIENT BASE

- A. Resilient Base: ASTM F1861, Type TS rubber, vulcanized thermoset; top set Style B, Cove, and as follows:
 - 1. Height: 4 inch.
 - 2. Thickness: 0.125 inch thick.
 - 3. Finish: Satin.
 - 4. Length: Roll.
 - 5. Color: Color as selected from manufacturer's standards, and colors approved by Facilities and Support Operations.
 - 6. Accessories: Premolded external corners and end stops.

2.03 ACCESSORIES

- A. Subfloor Filler: White premix latex; type recommended by adhesive material manufacturer.
- B. Primers, Adhesives, and Seaming Materials: Waterproof; types recommended by flooring manufacturer.
- C. Moldings, Transition and Edge Strips: Same material as flooring.
- D. Filler for Coved Base: Plastic.
- E. Cementitious Board for application over bare wood sub flooring: "HardieBacker"
- F. Sealer and Wax: Contractor procure products from Maintex (Neutralizer rinsing agent; "Structure" sealer; "Lobby" floor finish and provide, in sequence: Light scrub with mild soap and water; mop with neutralizer; apply two coats sealer; apply two coats finish, ensuring each coat to dry a minimum of 45 minutes when ambient temperature is 70

degrees farenheit or higher, before applying successive coats..

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 surfaces are smooth and flat within the tolerances specified for that type of work, are dust-free, and are ready to receive resilient tile and base.
- C. Concrete Sub-floor Surfaces: Verify that substrates are dry enough and ready for resilient flooring installation by testing for moisture and pH.
 - 1. Test in accordance with Section 09 05 61.
 - 2. Test results are to be within limits recommended by resilient flooring manufacturer and adhesive materials manufacturer, and comply with Section 09 05 61.

PREPARATION

3.02

- A. Prepare floor substrates for installation of flooring in accordance with Section 09 05 61.
- B. Clean substrate.
- C. Apply primer as required to prevent "bleed-through" or interference with adhesion by substances that cannot be removed.

3.03 INSTALLATION

- A. Starting installation constitutes acceptance of sub-floor conditions.
- B. Install in accordance with manufacturer's instructions.
- C. Spread only enough adhesive to permit installation of materials before initial set.
- D. Fit joints tightly.
- E. Set flooring in place, press with heavy roller to attain full adhesion.
- F. Where type of floor finish, pattern, or color 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.
- H. Scribe flooring to walls, columns, cabinets, floor outlets, and other appurtenances to produce tight joints.

3.04 TILE FLOORING

- A. Mix tile from container to ensure shade variations are consistent when tile is placed, unless manufacturer's instructions say otherwise.

3.05 RESILIENT BASE

- A. Fit joints tightly and make vertical. Maintain minimum dimension of 18 inches between joints.
- B. Miter internal corners. At external corners, use premolded units. At exposed ends, use premolded units.

C. Install base on solid backing. Bond tightly to wall and floor surfaces.

3.06 CLEANING

A. Remove excess adhesive from floor, base, and wall surfaces without damage.

B. Clean in accordance with manufacturer's instructions.

3.07 PROTECTION

A. Prohibit traffic on resilient flooring for 48 hours after installation.

END OF
SECTION