

**SECTION 09 65 00
RESILIENT FLOORING**

PART 1 - GENERAL

1.01 SCOPE:

- A. Provide all of the labor, materials, equipment and services to furnish and install the resilient flooring and additionally named products.

1.02 QUALITY ASSURANCE:

- A. Single-source responsibility: Obtain each type and color from a single source with resources to provide products of consistent quality in appearance and physical properties without delaying progress of the Work.

1.03 SUBMITTALS:

- A. Prior to installation, submit to the Architect for review the following:
 - 1. Manufacturer's literature fully describing each product and its proper installation for this Project.
 - 2. Physical sample (each product): All colors and patterns.
- B. Maintenance and operation manual: Submit tile manufacturer's maintenance guides for Owner's use in maintaining all tile herein specified.
- C. Certification that all standards and requirements have been met. These shall include, but not be limited to:
 - 1. Delivery.
 - 2. Storage.
 - 3. Conditions under which the materials were installed.
 - 4. Product complies with specified requirements.
 - 5. Installer's certification that moisture testing as required herein has been adhered to.

1.04 DELIVERY, STORAGE, AND HANDLING:

- A. Deliver flooring and installation accessories to Project site in original manufacturer's unopened cartons and containers each bearing names of product and manufacturer, Project identification, and shipping and handling instructions.
- B. Store flooring materials in dry spaces protected from the weather with ambient temperatures maintained between 50 deg. F and 90 deg. F.
- C. Store tiles on flat surfaces. Move tiles and installation accessories into spaces where they will be installed at least 48 hours in advance of installation.

1.05 PROJECT CONDITIONS:

- A. Maintain a minimum temperature of 70 deg. F in spaces to receive tiles for at least 48 hours prior to installation, during installation, and for not less than 48 hours after installation. After this period, maintain a temperature of not less than 55 deg. F.
- B. Do not install tiles until they are at the same temperature as the space where they are to be installed.

- C. Close spaces to traffic during tile installation.

1.06 SCHEDULING AND SEQUENCING:

- A. Install flooring accessories after other finishing operations, including painting, have been completed.
- B. Do not product over concrete slabs until the slabs have cured and are sufficiently dry to bond with adhesive as determined by tile manufacturer's recommended bond and moisture test.

PART 2 - PRODUCTS

2.01 RESILIENT BASE

- A. Resilient Base: Type TS rubber, vulcanized thermoset; top set Style B, Cove.
 - 1. Manufacturers:
 - a. Basis of Design: Roppe Corp: www.roppe.com.
 - b. Substitutions: Not permitted unless product matches basis of design in color, texture, and is approved by the architect .
 - 2. Critical Radiant Flux (CRF): Minimum 0.45 watt per square centimeter, when tested in accordance with ASTM E648 or NFPA 253.
 - 3. Height: 4 inch (100 mm).
 - 4. Thickness: 0.125 inch (3.2 mm).
 - 5. Length: Roll.
 - 6. Style: As indicated on drawings.
 - 7. Color: As indicated on drawings.

2.02 ACCESSORIES

- A. Primers, Adhesives, and Seam Sealer: Waterproof; types recommended by flooring manufacturer.

PART 3 - EXECUTION

3.01 SURFACE CONDITIONS:

- A. Prior to all work of this Section, carefully inspect the installed work of all other Trades and verify that all such work is complete to the point where this installation may properly commence.
- B. Verify that product shall be installed in accordance with the original design and the manufacturer's recommendations.
- C. In the event of discrepancy, immediately notify the Architect.
- D. Do not proceed with installation in areas of discrepancy until all such discrepancies have been fully resolved.
- E. Concrete subfloors:
 - 1. Slab substrates shall be dry and free of curing compounds, sealers, hardeners, and other materials whose presence would interfere with bonding of adhesive. Determine adhesion and dryness characteristics by performing bond and moisture tests recommended by tile manufacturer.
- F. Subfloors and/or underlayment shall be free of surface irregularities, cracks, ridges, depressions, scale, and foreign deposits and substances of any kind with potential to interfere with adhesive bond, show through surface, or stain tile.

3.02 PREPARATION:

- A. Comply with manufacturer's installation specifications to prepare substrates indicated to receive product.
- C. Remove coatings, including curing compounds, and other substances that are incompatible with product adhesives and that contain soap, wax, oil, or silicone.

3.03 INSTALLATION- GENERAL:

- A. Starting installation constituted acceptance of sub-floor conditions.
- B. Install in accordance with manufacturer's written instructions. Use manufacturer's recommended adhesives.

3.04 INSTALLATION - RESILIENT BASE:

- A. Apply base to walls, columns, pilasters, casework, and other permanent fixtures in rooms and areas where resilient base is indicated. Install wall base in lengths as long as practicable. Tightly adhere wall base to substrate throughout length of each piece, with base in continuous contact with horizontal and vertical substrates.
 - 1. On masonry surfaces or other similar irregular substrates, fill voids along top edge of resilient wall base with manufacturer's recommended adhesive filler material.
 - 2. Install preformed exterior corners before installing straight pieces.
 - 3. Form inside corners on job from straight pieces of maximum lengths possible by cutting an inverted V-shaped notch in toe of wall base at the point where corner is formed. Shave back of base where necessary to produce snug fit to substrate.
 - 4. Provide pre-molded external corners & cut/mitered integral corners; verify with architect all rubber base conditions. Do not stretch the wall base.

3.05 CLEANING AND PROTECTION:

- A. Upon completion of the installation, immediately remove all surplus adhesive from adjacent surfaces.
- B. Prior to Substantial Completion clean in accordance with manufacturer's written instructions.
- C. Prohibit traffic on resilient flooring for 24 hours after installation.
- D. Provide a non-staining paper pathway taped to the resilient flooring in direction of foot traffic throughout the Work.

- END OF SECTION -