

DESIGN STANDARDS

1. General – This section covers the standards for the selection and installation of resilient flooring and base, including:
 - 1.1 Vinyl composition tile
 - 1.2 Rubber and linoleum flooring (Tile and sheet)
 - 1.3 Sheet vinyl flooring
 - 1.4 Rubber base
 - 1.5 Rubber edge trim and accessories
2. Select resilient flooring appropriate to room or area program requirements:
 - 2.1 For rooms or areas subject to regular moisture exposure, use sheet flooring with welded seams.
 - 2.2 Refer to schedule in section 09000- Interior Finishes for Standard Spaces for guidance.
 - 2.3 For rooms or areas subject to water spills or wet maintenance consider integral coved base with sheet flooring.
 - 2.4 Select flooring with appropriate coefficient of friction or slip resistance appropriate to room's program.
3. Clearly document each type of resilient flooring used on a project, and its location of use in the finish schedule. Coordinate finish schedule type designations with the project specifications.
4. The architect shall identify and define either through details or the specification the edge or transition trim needed for the project.

PRODUCT STANDARDS

1. Approved Products: Provide products selected from the following manufacturers. Others may be considered with the approval of the University's Project Manager.
 - 1.1 Vinyl composition tile: Armstrong
 - 1.2 Sheet vinyl flooring: Armstrong
 - 1.3 Rubber tile or sheet flooring
 - 1.4 Linoleum tile or sheet flooring: Forbo Industries
 - 1.5 Rubber: Roppe
 - 1.6 Edge and trim accessories: Same manufacturer as resilient flooring manufacturer.
2. Product Selection Criteria

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- 2.1 Select resilient flooring products from manufacturer's best quality lines or series.
 - 2.2 Use flooring industry standard tile sizes for each flooring type selected.
 - 2.3 Primer: Tile manufacturer's published recommended product for surface conditions of this installation. Non-staining type.
 - 2.4 Flooring and base adhesive: Waterproof, no odor, stabilized type as recommended by flooring manufacturer.
 - 2.5 Floor polishing compound: Per manufacturer's recommendations to retain or improve flooring coefficient of friction.
3. Flooring Design
- 3.1 All flooring color selections and pattern designs shall be as approved by the University's Project Manager.
 - 3.2 Flooring patterns and borders requiring intricate field cutting of floor tiles are to be avoided.
 - 3.3 All color selections are to be from manufacturer's standard color charts.

PERFORMANCE STANDARDS

1. Submittal Requirements

- 1.1 Product data specifications and installation instructions.
- 1.2 Data on coefficient of friction for each type of resilient flooring required.
- 1.3 Samples (Sufficient samples, but minimum of three samples, to show the full range of color of each selection of flooring, base or accessory.
 - 1.1.1 All products for the project are to be from same dye lot or manufacturing run.
 - 1.1.2 Discuss the need for requiring the flooring installer to provide a mock up of floor pattern with the University's Project Manager.
- 1.4 Maintenance manuals describing the maintenance requirements for each of the installed flooring materials, prior to final acceptance of the project. Include clear recommendations for procedures, including polishing products or finishing products to maintain desired coefficient of friction or slip resistance.

2. Installation Requirements

- 2.1 Remodeled Areas: Special attention shall be given to remodeled areas being occupied during the construction process. The areas where adhesive is being installed must be properly ventilated. Adhesive must be "No Vapor" type and free of odor, approved for installation in occupied spaces.
- 2.2 Request the concrete slabs receiving flooring comply with ASTM F710.

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- 2.3 Request the concrete slab be primed before flooring installation. Request that the slab be tested with adhesive for bonding qualities before installation. Request the slab be tested for moisture content by the flooring manufacturer.
- 2.4 Installation to be performed in accordance with manufacturer's recommendations.
 - 2.1.1 Install edge strips whenever exposed resilient flooring occurs.
- 3. Attic Stock – The Architect shall require the delivery of additional resilient flooring and base to University's Project Manager for use in maintenance and repairs. Additional materials of each color and pattern of flooring material used shall be from same dye lot as materials installed. Furnish resilient flooring and base in original boxes or protective packaging, labeled with color and location of installed material, in quantities listed below with colors in approximately the same proportions as installed materials.
 - 3.1 Resilient flooring: 1-2% of installed areas
 - 3.2 Resilient Base: 1% of installed area
 - 3.3 Final percent attic stock required is to be approved by the University's Project Manager.

End of Division 9 – Finishes – Resilient Flooring