

SECTION 09651 - RESILIENT TILE FLOORING

PART 1 - GENERAL

SUMMARY

This Section includes the following:  
Vinyl composition floor tile.

SUBMITTALS

Product Data: For each product indicated.

Samples: For each product and for each color and pattern indicated.

EXTRA MATERIALS

Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents. Furnish one box for each 50 boxes or fraction thereof of each type, color, and pattern of floor tile.

PART 2 - PRODUCTS

VINYL COMPOSITION FLOOR TILE

Available Products: Subject to compliance with requirements, products that may be incorporated into the Work include, but are not limited to, the following:

Vinyl Composition Floor Tile: ASTM F 1066.

Class: 2 (through-pattern tile).

Color and Pattern: As selected from manufacturer's full range.

Wearing Surface: Smooth.

Thickness: 1/8 inch (3.2 mm).

Size: 12 by 12 inches (304.8 by 304.8 mm).

Critical Radiant Flux Classification: Class I, not less than 0.45 w/sq. cm per ASTM E 648.

INSTALLATION ACCESSORIES

Trowelable Leveling and Patching Compounds: Latex-modified, portland cement-based or blended hydraulic cement-based formulation provided or approved by flooring manufacturer for applications indicated.

Adhesives: Water-resistant type recommended by manufacturer to suit resilient products and substrate conditions indicated.

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Metal Edge Strips: Extruded aluminum with mill finish of width shown, of height required to protect exposed edge of tiles, and in maximum available lengths to minimize running joints.

PART 3 - EXECUTION

INSTALLATION

Concrete Subfloors: Verify that concrete slabs comply with ASTM F 710 and the following:

Slab substrates are dry and free of curing compounds, sealers, hardeners, and other materials that may interfere with adhesive bond. Determine adhesion and dryness characteristics by performing bond and moisture tests recommended by flooring manufacturer.

Wood Subfloors: Verify underlayment surface is free of irregularities and substances that may interfere with adhesive bond, show through surface, or stain flooring.

Before installing floor tile:

Remove coatings, including curing compounds, and other substances that are incompatible with flooring adhesives and that contain soap, wax, oil, or silicone, using mechanical methods. Do not use solvents.

Use trowelable leveling and patching compounds to fill cracks, holes, and depressions in substrates.

Move resilient floor tile and installation accessories into spaces where they will be installed at least 48 hours before installation, unless longer conditioning periods are recommended in writing by manufacturer. Install products only after they are at the same temperature as the space where they are to be installed.

Broom and vacuum clean substrates to be covered immediately before product installation. After cleaning, examine substrates for moisture, alkaline salts, carbonation, or dust. Proceed with installation only after unsatisfactory conditions have been corrected.

Lay out tiles from center marks established with principal walls, discounting minor offsets, so tile widths at opposite edges of room are equal to one another and are at least one-half of a tile.

Lay tiles square with room axis, unless otherwise indicated.

Match tiles for color and pattern by selecting tiles from cartons in same sequence as manufactured and packaged.

Pattern: Install grain running in one direction.

Scribe, cut, and fit tiles to butt neatly and tightly to vertical surfaces and permanent fixtures, including built-in furniture, cabinets, pipes, outlets, edgings, door frames, thresholds, and nosings.

Extend tiles into toe spaces, door reveals, closets, and similar openings.

Maintain reference markers, holes, and openings that are in place or marked for future cutting by repeating on finish flooring as marked on subfloor. Use chalk or other nonpermanent, nonstaining marking device.

Install tiles on covers for telephone and electrical ducts, and similar items in finished floor areas. Maintain overall continuity of color and pattern with pieces of flooring installed on covers. Tightly adhere edges to perimeter of floor around covers and to covers.

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Adhere tiles to flooring substrates using a full spread of adhesive applied to substrate to produce a completed installation without open cracks, voids, raising and puckering at joints, telegraphing of adhesive spreader marks, and other surface imperfections.

Immediately after installing resilient floor tile, remove adhesive and other surface blemishes using cleaner recommended by resilient product manufacturers.

END OF SECTION 09651