SECTION 096519 - RESILIENT TILE FLOORING

PART 1 GENERAL

1.01 SECTION INCLUDES:
The work of this section shall include all labor, materials, equipment, accessories and services required and necessary to furnish and install all resilient tile flooring and related items as indicated or specified.

1.02 QUALITY ASSURANCE
A. Installation of tile shall comply with the most recent RTI, Installation Specifications for Vinyl Composition Tile Flooring.
C. Allowable Tolerances - 1/8 inch in 10 feet from indicated plane or elevation.
D. Color and Pattern Matching - Furnish tile from the same manufacturing lot to complete each individual area and space contiguous to that area.

1.03 SUBMITTALS
A. Submit Product Data Sheets, samples, manufacturer's installation instructions and cleaning and maintenance procedures.
   1. Full size samples of each type, color and pattern of resilient tile flooring and base material.
   2. Include full color range and pattern variation.
   3. Reducer strip - 12-inch long samples.
B. Furnish one carton of additional floor covering materials for replacement and maintenance stock including each size, color, pattern and type of material required for the work.

1.04 PROJECT CONDITIONS
A. Unless otherwise directed by Designated Representative, store materials in original containers at 70°F minimum, for not less than 24 hours before installation.
B. Maintain temperature in space to receive this work between 70°F and 90°F 24 hours before, during and 48 hours after installation.
C. Maintain minimum temperature of 55°F after flooring is installed.

PART 2 PRODUCTS

2.01 MANUFACTURER
A. The resilient tile floor material shall be manufactured by Armstrong, Kentile, or Azrock, as specified or indicated by the contract documents.
B. Resilient Materials
   1. General - Uniform in thickness, size and color with variations in variegated patterns kept to a minimum. Colors and patterns shall be as indicated by the contract documents.
   2. Vinyl Composition Tile shall comply with FS SS-T-312, Type IV, 12-inch x 12-inch by 1/8-inch thick.
   3. Provide tapered rubber reducer strips as manufactured by Roppe, 1 inch wide (minimum) x 1/8 inch thickness to match adjacent tile thickness and color.
C. Applications Materials
   1. Furnish only material recommended by manufacture of covering material for the installation conditions.
   2. Tile adhesive shall be as recommended by resilient Flooring Manufacturer.
   3. Primer shall be nonstaining type recommended by Floor Covering Manufacturer.
   4. Crack Filler shall be product as recommended by Floor Covering Manufacturer.
   5. Cleaner, Wax and Other Finishing Material - Type recommended by Floor Covering Manufacturer for the particular type of flooring material.
PART 3 EXECUTION

3.01 EXAMINATION
A. Examine substrate for excessive moisture content and unevenness which would prevent execution and obtaining quality installation of resilient flooring.
B. Correct unsatisfactory conditions before proceeding with installation.

3.02 PREPARATION
A. Remove dirt, oil, grease, or other foreign matter from surfaces to receive floor coverings and bases.
B. Fill cracks with crack filler. Level and sand smooth.
C. Prime surfaces as recommended by Floor Covering Manufacturer.
D. Install materials only after finishing operations, including painting, have been completed.

3.03 APPLICATION
A. Apply adhesives in accord with manufacturer's instructions.
1. Remove any adhesive which dries or films over.
2. Do not soil walls, bases, or adjacent surfaces with adhesives.
3. Promptly remove any spillage.

3.04 INSTALLATION
A. Installation of Tile
1. Tile layout shall be centered on room or space so that tiles at perimeter of room are of equal width, with no tiles less than 1/2 width of a field tile.
2. Match tiles for color and pattern by using tile from cartons in the same sequence as manufactured and packaged. If tile specified has a grain or directional pattern, the tile shall be installed with adjacent tile pattern perpendicular (checkerboard) unless noted otherwise by contract documents.
3. Provide tile in a room or common space from the same run.
4. Cut border tile neatly and accurately to fit within 1/64 inch of abutting surfaces.
5. Fit flooring material neatly and tightly into breaks and recesses, against bases, around pipes and penetrations, under saddles or thresholds, and around permanent cabinets and equipment.
6. Unless scheduled otherwise, lay tile parallel to room axis in straight courses with continuous cross-joints.
B. Installation of Reducer Strips
1. Provide where floor covering terminates exposing edge of covering.
2. Cut material to lengths and sizes required for installation.
3. Apply adhesives and bond securely to substrates in straight true lines.
4. Meet visible and related features of building construction with a maximum deviation of 1/8 inch in 10 feet.
5. Center under door, where floor covering terminates at door openings.
6. Fit end edges to door frames and abutting surfaces and other edges to adjoining materials.

3.05 CLEANING AND FINISHING
A. Clean surfaces with a neutral cleaner recommended by Floor Covering Manufacturer for type of floor covering material installed upon completion of installation of floor covering, adjacent work, and after materials have set.
B. Protect completed work from traffic and damage until accepted by Purchaser.

END SECTION