SECTION 09650
RESILIENT FLOORING

PART 1 - GENERAL

1.1 SUMMARY:

A. Section Includes:
   1. Resilient flooring quality assurance.
   2. Resilient tile materials.
   4. Stair treads.

B. Related Sections:
   1. Section 03300 - Cast-in-Place Concrete: Finish trowelling of floor slab.
   2. Section 09680 - Carpet.
   3. Section 01710 - Final Clean Up

1.1 SUBMITTALS:

A. Manufacturer's Data:
   1. Certification Requirements:
      a. Certify that products furnished for this project are asbestos free.
      b. Certify that products meet or exceed specification requirements.
   2. Maintenance:
      a. Instructions for proper maintenance and cleaning.

B. Samples:
   1. Submit a minimum of 3 samples of each type and color or pattern of resilient flooring and base material. Provide full size tiles, 12" square pieces of sheet vinyl, and 6" minimum lengths for base.

1.2 QUALITY ASSURANCE:

A. Installer Qualifications:
   1. Minimum 3 years experience installing resilient floor covering material.

B. Codes/Standards:
   1. Conform to the following fire test data:
a. Flame Spread: 75 or less per ASTM E84.
b. Smoke Density: 450 or less per ASTM E662.
c. Critical Radiant Flux: Not less than 0.45 watts/cm$^2$ per ASTM E648.

C. Provide each type of resilient flooring, installation compounds, and accessories produced by a single manufacturer.

1.3 MAINTENANCE:

A. Extra Materials:

1. Furnish materials at the rate of 2% of total square footage installed, but not less than one carton for each color and pattern of flooring.

2. Furnish materials at the rate of 120 lineal feet (one carton) for each color and type of base installed.

3. Maintenance materials must be from the same manufactured lot as materials installed.

PART 2 - PRODUCTS

2.1 MANUFACTURERS:

A. Subject to compliance with requirements, manufacturers offering products which may be incorporated in the work include, but are not limited to, the following:

1. Vinyl Composition Tile:
   
a. Armstrong World Industries, Inc.
b. Azrock Industries, Inc.
c. Kentile Floors, Inc.
d. Tarkett, Inc.

2. Rubber Tile, Rubber Stair Treads, and Wall Base:

   a. Flexco Company
   b. Johnsonite
   c. Burke
   d. Roppe Corporation

2.2 TILE MATERIAL:

A. 12" x 12" x 1/8" vinyl composition tile, ASTM F1066, Composition 1 (asbestos free).

B. Rubber tile, FS SS-T-312, Type II, 1/8" gage, pattern to match stair treads where directly adjacent to stair treads (i.e., landings and platforms).

.LIMIT USE OF VCT IN HIGH MOISTURE APPLICATIONS. DO NOT USE SOLID COLORS WITHOUT UCB STAFF APPROVAL.
2.3 SHEET VINYL:
   
   A. Comply with FS L-F-475, Type II, Grade A, 0.080 minimum gage.

2.4 BASE:
   
   A. Resilient base, 1/8" x 4" high, complying with FS SS-W-40A, Type I, roll stock rubber. Provide straight base without cove for carpet and topset style with coved base for all other locations. Provide preformed or molded internal and external corner units.

2.5 STAIR TREADS:
   
   A. Single-piece stair treads, 3/16" gage minimum, with matching coved base and 0.080" gage sheet rubber stringer skirt.

PART 3 - EXECUTION

   Not Used

END OF SECTION 09650