1. Section 096500   
   Resilient Flooring
   1. PART 1  GENERAL
      1. SECTION INCLUDES
         1. Resilient tile flooring.
         2. Resilient base.
         3. Resilient stair accessories.
         4. Installation accessories.
      2. REFERENCE STANDARDS
         1. ASTM F1700 - Standard Specification for Solid Vinyl Floor Tile; 2020.
         2. ASTM F1861 - Standard Specification for Resilient Wall Base; 2021.
      3. SUBMITTALS
         1. See Section 013000 - Administrative Requirements for submittal procedures.
         2. Product Data:  Provide data on specified products, describing physical and performance characteristics; including sizes, patterns and colors available; and installation instructions.
         3. Selection Samples:  Submit manufacturer's complete set of color samples for Architect's initial selection.
         4. Verification Samples:  Submit two samples, \_\_\_ by \_\_\_ inch in size illustrating color and pattern for each resilient flooring product specified.
      4. DELIVERY, STORAGE, AND HANDLING
         1. Upon receipt, immediately remove any shrink-wrap and check materials for damage and the correct style, color, quantity and run numbers.
         2. Maintain temperature in storage area between 55 degrees F and 90 degrees F.
         3. Do not double stack pallets.
      5. FIELD CONDITIONS
         1. Store materials for not less than 48 hours prior to installation in area of installation at a temperature of 70 degrees F to achieve temperature stability.  Thereafter, maintain conditions above 55 degrees F.
   2. PART 2  PRODUCTS
      1. TILE FLOORING
         1. Vinyl Tile​ - Type Luxury Vinyl Tile​:  Printed film type, with transparent or translucent wear layer; acoustic interlayer or backing.
            1. Manufacturers:

Dal-Tile Corporation; Luxury Vinyl Flooring:  www.daltile.com/#sle.

* + - * 1. Minimum Requirements:  Comply with ASTM F1700, Class III.
        2. Wear Layer Thickness: 20 mil.
        3. Total Thickness: 3 mm
        4. Pattern:  ​Asher Blend​.
        5. Color:  ​Hearth AB23​.
    1. STAIR COVERING
       1. Stair Treads with Integral Risers:  Rubber; full height of riser, full width and depth of tread in one piece; tapered thickness.
          1. Manufacturers:

Johnsonite, a Tarkett Company; \_\_\_\_\_\_\_:  www.johnsonite.com.

Mannington Commercial; \_\_\_\_\_\_\_:  www.manningtoncommercial.com#sle.

Roppe Corporation; \_\_\_\_\_\_: www.roppe.com/#sle.

* + - * 1. Nosing:  ​Round​.
        2. Color:  To be selected by Architect from manufacturer's full range.
      1. Stair Stringers:  Full height in one piece and in maximum available lengths, matching treads in material and color.
         1. Manufacturers:

Johnsonite, a Tarkett Company; \_\_\_\_\_\_\_:  www.johnsonite.com/#sle.

Mannington Commercial; \_\_\_\_\_\_\_:  www.manningtoncommercial.com#sle.

Roppe Corporation; \_\_\_\_\_\_\_:  www.roppe.com/#sle.

* + - * 1. Nominal Thickness:  0.080 inch.
    1. RESILIENT BASE
       1. Resilient Base - Type \_\_\_\_:  ASTM F1861, Type TS, rubber, vulcanized thermoset; style as scheduled.
          1. Height:  4 inches.
          2. Thickness:  0.125 inch.
          3. Finish:  Satin.
          4. Color:  To be selected by Architect from manufacturer's full range.
          5. Accessories:  Premolded ​external corners, internal corners, and end stops​.
    2. ACCESSORIES
       1. Adhesive for Vinyl Flooring:
          1. Manufacturers:

H.B. Fuller Construction Products, Inc; TEC Flexera HT - High Tack Premium Universal PSA Adhesive:  www.tecspecialty.com/#sle.

Loba-Wakol, LLC; WAKOL MS 552 Resilient and Rubber Flooring Adhesive:  www.loba-wakol.com/#sle.

Stauf USA, LLC; D737 High-Tack:  www.staufusa.com/#sle.

* + - 1. Moldings, Transition and Edge Strips:  Same material as flooring.
         1. Manufacturers:

Schluter-Systems; VinPro:  www.schluter.com/#sle.

* 1. PART 3  EXECUTION
     1. EXAMINATION
        1. Verify that surfaces are flat to tolerances acceptable to flooring manufacturer, free of cracks that might telegraph through flooring, clean, dry, and free of curing compounds, surface hardeners, and other chemicals that might interfere with bonding of flooring to substrate.
        2. Verify that wall surfaces are smooth and flat within the tolerances specified for that type of work, are dust-free, and are ready to receive resilient base.
     2. PREPARATION
        1. Remove subfloor ridges and bumps.  Fill minor low spots, cracks, joints, holes, and other defects with subfloor filler to achieve smooth, flat, hard surface.
        2. Prohibit traffic until filler is fully cured.
        3. Clean substrate.
     3. Installation - General
        1. Starting installation constitutes acceptance of subfloor conditions.
        2. Install in accordance with manufacturer's written instructions.
     4. Installation - Tile Flooring
        1. Mix tile from container to ensure shade variations are consistent when tile is placed, unless otherwise indicated in manufacturer's installation instructions.
        2. Lay flooring with joints and seams parallel to building lines to produce symmetrical pattern.
        3. Install plank tile with a random offset of at least 6 inches from adjacent rows.
     5. Installation - Resilient Base
        1. Fit joints tightly and make vertical.  Maintain minimum dimension of 18 inches between joints.
        2. Install base on solid backing.  Bond tightly to wall and floor surfaces.
        3. Scribe and fit to door frames and other interruptions.
     6. Installation - Stair Coverings
        1. Install stringers configured tightly to stair profile.
        2. Adhere over entire surface.  Fit accurately and securely.
     7. CLEANING
        1. Remove excess adhesive from floor, base, and wall surfaces without damage.
        2. Clean in accordance with manufacturer's written instructions.
     8. PROTECTION
        1. Prohibit traffic on resilient flooring for 48 hours after installation.

1. END OF SECTION

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