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096513 - Resilient Base and Accessories

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SECTION 09 6513 - RESILIENT BASE AND ACCESSORIES

1.1 SUMMARY

- A. The University prefers to use regional materials within a 500 mile radius of the campus.
- B. Section Includes:
 - 1. Resilient base.
 - 2. Resilient stair accessories.
 - 3. Resilient molding accessories.

1.2 SUBMITTALS

- A. LEED Submittals:
 - 1. Product Data for Credit EQ 4.1: For adhesives, including printed statement of VOC content.
 - 2. Product Data for Credit MR 4.1 and Credit MR 4.2: For products having recycled content, documentation indicating percentages by weight of postconsumer and preconsumer recycled content.
 - a. Include statement indicating costs for each product having recycled content.

1.3 QUALITY ASSURANCE

- A. Fire-Test-Response Characteristics: As determined by testing identical products according to ASTM E 648 or NFPA 253 by a qualified testing agency.

1.4 EXTRA MATERIALS

- A. Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
 - 1. Furnish not less than 10 linear feet (3 linear m) for every 500 linear feet (150 linear m) or fraction thereof, of each type, color, pattern, and size of resilient product installed.

1.5 RESILIENT BASE

- A. Resilient Base:
 - 1. Manufacturers:
 - a. Armstrong World Industries, Inc.

- b. Burke Mercer Flooring Products; Division of Burke Industries, Inc.
- c. Johnsonite.
- d. Mondo Rubber International, Inc.
- e. Musson, R. C. Rubber Co.
- f. Nora Rubber Flooring; Freudenberg Building Systems, Inc.
- g. Roppe Corporation, USA.

B. Resilient Base Standard: ASTM F 1861.

1. Material Requirement: Type TS (rubber, vulcanized thermoset) or Type TP (rubber, thermoplastic).
2. Manufacturing Method: Group I (solid, homogeneous) or Group II (layered).
3. Style: Cove (base with toe) at resilient flooring and straight (flat or toeless) at carpeted areas.

C. Minimum Thickness: 0.125 inch (3.2 mm).

D. Height: 4 inches (102 mm).

1.6 RESILIENT STAIR ACCESSORIES

A. Resilient Stair Treads:

1. Manufacturers:

- a. Burke Mercer Flooring Products; Division of Burke Industries, Inc.
- b. Johnsonite.
- c. Mondo Rubber International, Inc.
- d. Musson, R. C. Rubber Co.
- e. Nora Rubber Flooring; Freudenberg Building Systems, Inc.
- f. R.C.A. Rubber Company (The).
- g. Roppe Corporation, USA.

B. Resilient Stair Treads Standard: ASTM F 2169.

1. Material Requirement: Type TS (rubber, vulcanized thermoset) or Type TP (rubber, thermoplastic).
2. Surface Design:
 - a. Class 2, Pattern: Raised-disc design.
3. Manufacturing Method: Group 1, tread with embedded abrasive strips or Group 2, tread with contrasting color for the visually impaired.

C. Nosing Style: Square, adjustable to cover angles between 60 and 90 degrees.

D. Nosing Height: 1-1/2 inches (38 mm).

E. Thickness: 1/4 inch (6 mm) and tapered to back edge.

1.7 RESILIENT MOLDING ACCESSORY

- A. Resilient Molding Accessory:
 - 1. Manufacturers:
 - a. Burke Mercer Flooring Products; Division of Burke Industries, Inc.
 - b. Johnsonite.
 - c. R.C.A. Rubber Company (The).
 - d. Roppe Corporation, USA.
- B. Material: Rubber.

1.8 INSTALLATION MATERIALS

- A. Adhesives: Water-resistant type recommended by manufacturer to suit resilient products and substrate conditions indicated.
 - 1. Use adhesives that comply with the following limits for VOC content when calculated according to 40 CFR 59, Subpart D (EPA Method 24):
 - a. Cove Base Adhesives: Not more than 50 g/L.
 - b. Rubber Floor Adhesives: Not more than 60 g/L.
- B. Floor Polish: Provide protective liquid floor polish products as recommended by resilient stair tread manufacturer and approved by the University.

1.9 CLEANING AND PROTECTION

- A. Comply with manufacturer's written instructions for cleaning and protection of resilient products.
- B. Perform the following operations immediately after completing resilient product installation:
 - 1. Remove adhesive and other blemishes from exposed surfaces.
 - 2. Sweep and vacuum surfaces thoroughly.
 - 3. Damp-mop surfaces to remove marks and soil.
- C. Protect resilient products from mars, marks, indentations, and other damage from construction operations and placement of equipment and fixtures during remainder of construction period.
- D. Floor Polish: Remove soil, visible adhesive, and surface blemishes from resilient stair treads before applying liquid floor polish.
 - 1. Apply in accordance with University's written instructions.
- E. Cover resilient products until Substantial Completion.

