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096516 - Resilient Sheet Flooring

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SECTION 09 6516 - RESILIENT SHEET FLOORING

1.1 SUMMARY

- A. The University prefers to use regional materials within a 500 mile radius of the campus.
- B. Section Includes:
 - 1. Rubber sheet floor covering.

1.2 SUBMITTALS

- A. LEED Submittals:
 - 1. Product Data for Credit EQ 4.1: For adhesives and chemical-bonding compounds, 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.
 - 3. Product Data for Credit <R 6.0 for rapidly renewable material.

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. Critical Radiant Flux Classification: Class I, not less than 0.45 W/sq. cm.

1.4 EXTRA MATERIALS

- 1. Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents
Floor Covering: Furnish quantity not less than 10 linear feet (3 linear m) for every 500 linear feet (150 linear m) or fraction thereof, in roll form and in full roll width for each color, pattern, and type of floor covering installed.

1.5 RUBBER SHEET FLOOR COVERING

- A. Manufacturers:
 - 1. Johnsonite.
 - 2. Mondo Rubber International, Inc.

3. Nora Rubber Flooring, Freudenberg Building Systems, Inc.
 4. R.C.A. Rubber Company (The).
- B. Unbacked Rubber Sheet Floor Covering: ASTM F 1859.
1. Type: Type I (homogeneous rubber sheet) or Type II (layered rubber sheet).
- C. Rubber Sheet Floor Covering with Backing: ASTM F 1860.
1. Type: Type I, homogeneous rubber sheet with backing or Type II, layered rubber sheet with backing.
- D. Hardness: Manufacturer's standard hardness, measured using Shore, Type A durometer per ASTM D 2240.

1.6 INSTALLATION MATERIALS

- A. Adhesives: Water-resistant type recommended by manufacturer to suit floor covering and substrate conditions indicated.
1. Use adhesives that have a VOC content of not more than [50 g/L] [60 g/L] when calculated according to 40 CFR 59, Subpart D (EPA Method 24).
- B. Seamless-Installation Accessories:
1. Heat-Welding Bead: Manufacturer's solid-strand product for heat welding seams.
 2. Chemical-Bonding Compound: Manufacturer's product for chemically bonding seams.
 - a. VOC Content: Not more than 510 g/L. when calculated according to 40 CFR 59, Subpart D (EPA method 24).
- C. Floor Polish: Provide protective liquid floor polish products as recommended by manufacturer and approved by University.

1.7 CLEANING AND PROTECTION

- A. Comply with manufacturer's written instructions for cleaning and protection of floor coverings.
- B. Perform the following operations immediately after completing floor covering installation:
1. Remove adhesive and other blemishes from floor covering surfaces.
 2. Sweep and vacuum floor coverings thoroughly.
 3. Damp-mop floor coverings to remove marks and soil.

- C. Protect floor coverings 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 floor covering before applying liquid floor polish.
 - 1. Apply in accordance with University's written instructions.
- E. Cover floor coverings until Substantial Completion.

END OF SECTION 09 6516