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SECTION 09 6519 - RESILIENT TILE FLOORING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section Includes:
 - 1. Product Data for Credit IEQ 4.1: For adhesives, sealants and chemical-bonding compounds, documentation including printed statement of VOC content.
 - 2. Product Data for Credit IEQ 4.3: For adhesives and chemical-bonding compounds, documentation including printed statement of VOC content.
 - 3. Product Data for Credit IEQ 4.3: For resilient tile flooring, documentation from an independent testing agency indicating compliance with the FloorScore standard.
- C. Shop Drawings: For each type of floor tile. Include floor tile layouts, edges, columns, doorways, enclosing partitions, built-in furniture, cabinets, and cutouts.
 - 1. Show details of special patterns.
- D. Samples: Full-size units of each color and pattern of floor tile required.
 - 1. For heat-welding bead, manufacturer's standard-size Samples, but not less than 9 inches (230 mm) long, of each color required.
- E. Samples for Initial Selection: For each type of floor tile indicated.
- F. Samples for Verification: Full-size units of each color and pattern of floor tile required.
 - 1. For heat-welding bead, manufacturer's standard-size Samples, but not less than 9 inches (230 mm) long, of each color required.

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C. Close space

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- 6. Resistance to Chemicals, ASTM F 925: Passes.
- 7. Static Load Limit, ASTM F 970: Passes 250 psi with no greater than 0.005 inch residual indentation.
- 8. Residual Indentation. ASTM F 1914: Passes.
- 2.3 RUBBER FLOOR TILE
 - A. <u>Manufacturers:</u> Subject to compliance with requirements, provide products by one of the following:
 - 1. Flexco.
 - 2. Johnsonite; A Tarkett Company.
 - 3. <u>Mondo America Inc</u>.
 - 4. Nora Rubber Flooring, Freudenberg Building Systems, Inc.
 - 5. <u>R.C.A. Rubber Company (The)</u>.
 - 6. <u>Roppe Corporation, USA</u>.
 - B. Tile Standard: ASTM F 1344, Class I-B, homogeneous rubber tile, through mottled.
 - C. Hardness: Not less than 85 as required by ASTM F 1344, measured using Shore, Type A durometer per ASTM D 2240.
 - D. Wearing Surface: Smooth.
 - E. Thickness: 0.125 inch (3.2 mm).
 - F. Size: <Insert dimensions >.
 - G. Colors and Patterns: As selected by Architect from full range of industry colors.
 - H. Test Data:
 - 1. Hardness, ASTM D 2240: Passes with minimum 85 shore A.
 - 2. Abrasion Resistance, ASMT D 3389: Less than 1 gram loss after 1000 cycles.
 - 3. Dimensional Stability, ASTM D 3389: Does not exceed 15%.
 - 4. Squareness, ASTM F 2055: Maximum 0.010 inches.
 - 5. Resistance to heat, ASTM F 1514: Passes with DE "8.
 - 6. Static Coefficient of Friction, ASTM D 2047: Minimum 0.8 SCOF.
 - 7. Resistance to Chemicals, ASTM F 925: Passes.
 - 8. Static Load Limit, ASTM F 970: Passes 250 psi with no greater than 0.005 inch residual indentation.

2.4 VINYL COMPOSITION FLOOR TILE

- A. <u>Manufacturers:</u> Subject to compliance with requirements, provide products by one of the following:
 - 1. <u>Armstrong World Industries, Inc.</u>
 - 2. Azrock.
 - 3. <u>Congoleum Corporation</u>.
 - 4. Mannington.
 - 5. Tarkett.

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В.	Tile Standard: ASTM F 1066, [Class 1, solid -color] [Class 2, through -pattern] [Class 3, surface- pattern] tile.
C.	Wearing Surface: Smooth.
D.	Thickness: 0.125 inch (3.2 mm). E.H E 2 . 0 T d
E.	Size: 12 by 12 inches (305 by 305 mm). E . g / . 2 (i)
F.	Colors and Patterns: As selected/by Architelct f 0 Td [5.6(8a.4(0 Td [(0.)-1.29((:)12.3(b)-24.3(y)16.eTJ 0 Tc E

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coats shall be dry to the touch before any subsequent coats are applied. Apply first coat of sealer and first coat of finish wall to wall. Stop subsequent coats of sealer and finish 1-inch from baseboards, door jambs, and other vertical edges.

D. Protection: Cover floor surface, and protect from soiling, staining, marring, scratching, and other damage. Construction traffic, including foot traffic, is strictly prohibited on completed surface. Maintain protection until final completion unless floor is put into service at time of substantial completion.

END OF SECTION 09 6519