

Specifier Information for the Artistry and Nature Collections

SECTION 09 65 19

RESILIENT TILE FLOORING

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Resilient tile flooring.
- B. Subfloor filler material.
- C. Primer and adhesives.
- D. Accessories.

1.02 RELATED SECTIONS

- A. Section (select Sections that describe the subfloor).
- B. Section 09 65 13 – Resilient Base and Accessories (use this Section reference if these items are included in the Project). Specifier Note: If the Project contains a relatively small amount of tile, base, stair treads, etc., the specifier may choose to use the Broad scope Section 09 65 00 – Resilient flooring, for everything.

1.03 REFERENCES

- A. American Society for Testing and Materials (ASTM)
 - 1. ASTM E84 - Surface Burning Characteristics of Building Materials
 - 2. ASTM E648 - Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source
 - 3. ASTM E662 - Smoke Generation
 - 4. ASTM F1700 - Standard Specification for Solid Vinyl Floor Tile
- B. Americans with Disabilities Act (ADA)
 - 1. ASTM D2047 - Standard Test Method for Coefficient of Friction
- C. German Institute for Standardization (DIN)
 - 1. DIN 51130 - Standard Assessment of Slip Resistance, Ramp Test

1.04 SUBMITTALS

- A. Provide submittals in accordance with Conditions of the Contract and Section 01 33 00 -Submittal Procedures
- B. Submit shop drawings showing plan layout, including direction, pattern and colors. (Specifier Note: Architect may not require shop drawings if square tile of all the same pattern and color are used)
- C. Submit two small samples 4 inch (102mm) x 4 inch (102mm) of each tile, illustrating finish and color
- D. Submit maintenance data for installed products in accordance with Section 01 78 00 - Closeout Submittals

1.05 DELIVERY, STORAGE AND HANDLING

- A. Generally comply with provisions of Section 01 60 00 - Product Requirements
- B. Comply with manufacturer's ordering instructions and lead-time requirements to avoid construction delays
- C. Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact
- D. Store tile indoors, protected from weather conditions and construction activities

1.06 PROJECT CONDITIONS

- A. Building enclosed, completely protected from outside weather with minimum inside temperature of 60°F
- B. Maintain a relative humidity of 35-55%

1.07 WARRANTY

- A. Provide manufacturer's ten-year limited term commercial warranty

1.08 MAINTENANCE

- A. Extra Material: Furnish [one carton] quantity of full size units to equal 5% amount installed
- B. Deliver to Owner's representative and store where directed
- C. Obtain receipt for delivered material from Owner's representative

PART 2 PRODUCTS
2.01 MANUFACTURERS

- A. LSI Floors, 5230 Finch Ave., East, Unit #5 Toronto, Ontario, Canada, phone 1-800-449-3916
- B. Substitutions: [Comply with Section 01 60 00 – Product Requirements] [Not Permitted]

2.02 MATERIALS

- A. Floor tile: Solid vinyl tile which meets the following minimum standards:
 - 1. ASTM E84 / less than 75
 - 2. ASTM E648 / Class 1
 - 3. ASTM E662 / less than 450
 - 4. ASTM F1700 / Pass
 - 5. ADA/D-2047 average test result 0.87
 - 6. DIN 51130 / R10 average test result 13.3°
- B. Primer and Adhesive for installation: Waterproof; as recommended by tile manufacturer
- C. Subfloor Filler: White premix latex type as recommended by tile manufacturer
- D. Accessories: Maintenance as recommended by tile manufacturer

2.03 MANUFACTURED UNITS (Alphabetical, Select one or multiple products)

- A. Antique Woods, 0.098 inch (2.5mm) thick x 6 inch (152.3mm) x 36 inch (914.4mm)
- B. Birds Eye Maple, 0.098 inch (2.5mm) thick x 18 inch (457mm) x 18 inch (457mm)
- C. Bamboo, 0.098 inch (2.5mm) thick x 4 inch (102mm) x 36 inch (914.4mm)

- D. Clovelly (CL42110, CL42112) – 0.098 inch (2.5mm) thick x 18 inch (457mm) x 18 inch (457mm)
- E. Clovelly, (CL42511, CL42512, CL42516) - 0.098 inch (2.5mm) thick x 24 inch (610mm) x 24 inch (610mm)
- F. Concrete - 0.098 inch (2.5mm) thick x 24 inch (610mm) x 24 inch (610mm)
- G. Cork - 0.098 inch (2.5mm) thick x 12 inch (304.8mm) x 12 inch (304.8mm)
- H. Cow, squares - 0.098 inch (2.5mm) x 30 inch (762mm) x 30 inch (762mm)
- I. Cow, rectangles - 0.098 inch (2.5mm) x 10 inch (254mm) x 30 inch (762mm)
- J. Earth Woods - 0.098 inch (2.5mm) thick x 4 inch (102mm) x 36 inch (914.4mm)
- K. Elements, squares - 0.098 inch (2.5mm) thick x 24 inch (610mm) x 24 inch (610mm)
- L. Elements, rectangles - 0.098 inch (2.5mm) x 10 inch (254mm) x 30 inch (762mm)
- M. Finger Print - 0.098 inch (2.5mm) thick x 24 inch (610mm) x 24 inch (610mm)
- N. Granite - 0.098 inch (2.5mm) thick x 18 inch (457mm) x 18 inch (457mm)
- O. Hammered Aluminum - 0.098 inch (2.5mm) thick x 24 inch (610mm) x 24 inch (610 mm)
- P. Imagination - 0.098 inch (2.5mm) thick x 18 inch (457mm) x 18 inch (457mm)
(IM7001, IM7011, IM7021, IM7041, IM7045)
- Q. Imagination - 0.098 inch (2.5mm) thick x 24 inch (610mm) x 24 inch (610mm)
(IM7016, IM7052)
- R. Imagination – 0.098 inch (2.5mm) thick x 30 inch (762mm) x 30 inch (762mm)
(IM7012, IM7013, IM7014)
- S. Inset Strips - 0.098 inch (2.5mm) thick x 0.25 inch (6.5mm) x 36 inch (914.4mm)
- T. Inset Strips - 0.098 inch (2.5mm) thick x 0.5 inch (12.7mm) x 36 inch (914.4mm)
- U. Natural Woods - 0.098 (2.5mm) thick x 6 inch (152.3mm) x 36 inch (914.4mm)
- V. Rusted Steel - 0.098 inch (2.5mm) thick x 24 inch (610mm) x 36 inch (914mm)
- W. Shale - 0.098 inch (2.5mm) thick x 12 inch (305mm) x 24 inch (610mm)
- X. Solids - 0.098 inch (2.5mm) thick x 12 inch (304.8mm) x 12 inch (304.8mm)
- Y. Sparkly Chips - 0.098 inch (2.5mm) thick x 24 inch (610mm) x 24 inch (610mm)
- Z. Stained Concrete - 0.098 inch (2.5mm) thick x 24 inch (610mm) x 24 inch (610mm)

- AA. Tadao & Ando - 0.098 inch (2.5mm) thick x 24 inch (610mm) x 36 inch (914.4mm)
- BB. Tread Plate – 0.098 inch (2.5mm) thick x 24 inch (610mm) x 24 inch (610mm)
- CC. Weathered Concrete, planks – 0.098 inch (2.5mm) x 6 inch (152.3mm) x 48 inch (1219.2mm)
- DD. Weathered Concrete, rectangles – 0.098 inch (2.5mm) x 10 inch (254mm) x 30 inch (762mm)

PART 3 EXECUTION

3.01 EXAMINATION

- A. Comply with manufacturer’s written instructions for acceptable substrate, preparation and installation of flooring
- B. Verify that floor area is ready for installation
- C. Verify field measurements are as shown on approved shop drawings. Notify Architect/Owner of discrepancies and await instructions
- D. Test concrete substrates for water vapor emission harmful to flooring installation performance

3.02 PREPARATION

- A. Protect adjacent work and finish surfaces from damage during flooring installation
- B. Remove compounds and other substances harmful or incompatible with adhesives and flooring products
- C. Fill holes, cracks and depressions in substrate with leveling and patching compounds in accordance with manufacturer’s instructions

3.03 INSTALLATION

- A. Install tile from established center marks in order that tiles at opposite room edges are of equal width
- B. Install tiles in patterns shown on approved shop drawings
- C. Hand roll floor tiles where required as recommended by manufacturer
- D. Apply adhesive as recommended by manufacturer, including trowel notching, adhesive mixing, and adhesive open and working times

3.04 CLEANING

- A. Section 01 70 00 – Execution and Closeout Requirements: Final cleaning
- B. Correct minor damage to installed products; remove and replace work that cannot be satisfactorily repaired
- C. Clean installed floor in accordance with manufacturer’s instructions prior to Owner’s acceptance
- D. Remove packaging and construction debris, and legally dispose of off-site

3.05 SCHEDULE

(Where specified tile vary by product or color, it might be best to give them a “mark” and create a schedule).

END OF SECTION