

Specifier information for Loose Lay Plank Format

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

1.03 REFERENCES

- A. American Society for Testing and Materials (ASTM)
 - 1. ASTM F1700-Standard Specification for Solid Vinyl Floor Tile.
 - 2. ASTM E648- Critical Radiant Flux
 - 3. ASTM E662 - Smoke Generation
 - 4. ASTM F137 – Flexibility
 - 5. ASTM F2199 – Dimensional Stability
 - 6. ASTM F1515 – Color Fastness
 - 7. ASTM E492-09 - Acoustical Impact Noise Reduction
 - 8. ASTM F925 – Chemical Resistance
 - 9. ASTM F1914-98 – Residual Indentation
 - 10. ASTM F970 – Residual Indentation
 - 11. ASTM D6962 – Caster Chair
- 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
 - 2. DIN 51097 – Standard Assessment of Barefoot Soap and Water Test
- D. International Organization for Standardization (ISO)
 - 1. EN ISO 717-2 Acoustical impact

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 is 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. Tel: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 E648 / Class 1
 - 2. ASTM E662 / less than 450
 - 3. ASTM F137 / pass
 - 4. ASTM F2199 / exceeds requirements
 - 5. ASTM F1515 / Exceeds requirements
 - 6. ASTM E492-09 / IIC 46
 - 7. ASTM F925 / Excellent
 - 8. ASTM F1914-98 / residual indentation at 75 lbs. - 0.002in.
 - 9. ASTM F970 / 250 lbs. – 0.003in.
 - 10. ADA/D-2047 / average test result 0.87
 - 11. ASTM D6962 / 10,000 cycles – 4.5 (scale 1-5)
 - 12. DIN 51130 / R10 average test result 13.3°
 - 13. DIN 51097 / Class A
 - 14. ISO 717-2 / 22dB
- 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

- A. Bamboo – Loose Lay format, 0.2inch (5mm) thick x 6 inch (152.3mm) x 36 inch (914.4mm)

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 if necessary, 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.

END OF SECTION