



Permanent
No Wax Finish

SPECIFICATIONS

Luxury Vinyl Tile & Plank (LVT) Naturals

I. Work by Others

- A. **Concrete Substrate** - (Concrete substrate shall conform to requirements of ASTM F-710-05 Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring). Concrete subfloors shall be steel troweled finished smooth, flat and level. Concrete shall be wet cured for a minimum of 30 days to 3,500 psi. Flatness of concrete shall be $\pm 1/4"$ in a 10'-0" radius. Do not apply any type of coatings, surface sealers, hardeners, or curing membranes to the surface of the concrete. These materials will prevent proper bond of the floor-covering adhesive. Minor cracks, chips, and spalls shall be patched with cement based patching material, i.e. Ardex or Mapei. Level high spots by grinding or sanding. Any required leveling shall be done with cement-based underlayment, minimum 3,500 psi, i.e., Ardex or Mapei. Patching and underlayment material shall be applied in strict accordance with manufacturer's specifications and installation instructions. Concrete and underlayment must be dry; maximum 5.0 lbs. of moisture per 1,000 sq. ft. per 24 hours as tested by Calcium Chloride Test Kits per R.M.A. test procedure. Test pH of concrete. pH shall be <10 . If the concrete is contaminated with any type of paint, oil, grease, adhesives, and any other type of penetrating material it should be removed thoroughly by bead blasting. Sanding is not adequate and chemicals should not be used to accomplish removal. After concrete preparation has been completed, sweep and vacuum surface thoroughly to remove all miscellaneous dirt and contaminants.

NOTE: Contact the supplier – Architectural Floor Systems, Inc., 1-800-323-6792, regarding all other types of substrates for specific recommendations.

- B. **Damp proofing** – (Shall conform to A.C.I Addendum 302.2R-06 – Vapor Retarder Location) Concrete subfloors that occur in contact with the earth (on or below grade), must be properly damp proofed, directly from beneath. Damp proofing membrane must be in direct contact with the bottom surface of the concrete slab. Suitable membranes for on-grade concrete shall be equal to A.I.A. Master Spec – minimum one layer of black polyethylene – 10 mil thickness or two layers of black polyethylene; each minimum 6 mil thickness. Membranes shall be lapped and sealed and turned up at perimeter of slab edges and installed in accordance with membrane manufacturer's installation instructions. Do not place any type of fill, sand, or gravel over damp proofing membranes. Concrete slabs below grade shall be damp proofed with heavy-duty 1/8" thick pre-molded membranes equal to W.R. Meadows damp proofing membranes. The project engineers shall also provide suitable and adequate drainage of building foundation walls and footings.

C. Job Conditions

The installation of Tajima flooring shall proceed only after the work of other trades has been completed, especially overhead trades. Areas to receive flooring shall be clean, adequately lighted, fully enclosed, weather tight, and heated to a minimum of 65° to 70° F. for 72 hours before, during, and after installation is completed. Heat should be maintained in areas to receive flooring with the building's permanent heating system. Salamanders and other temporary heating devices should not be used. Installed flooring shall not be exposed to heavy traffic or heavy rolling loads or any type of maintenance procedures until the adhesive has cured for a minimum of 72 hours. If emergency conditions require the movement of equipment or furniture, the flooring should be protected with heavy planks or a minimum of 1/2" thick plywood to prevent damage.

II. Materials, Specifications, Installation and Warranty

A. Furnish and install where required per plans and specifications Tajima Luxury Vinyl Tile and Planks; color(s); # _____ as supplied by Architectural Floor Systems, Inc., 800/323-6792.

1. Construction:

Luxury Vinyl Tile & Plank (LVT) shall be manufactured with high molecular weight polymerized vinyl wearlayer. Color and pattern shall accurately reflect the selected wood pattern. Wearlayer shall be supported by a high strength vinyl backing. Edges of LVT planks are slightly beveled to prevent chipping and damage.

2. Dimensions:

3.0mm x 76.0mm x 914.4mm	(1/8" x 3" x 36")
3.0mm x 100.0mm x 914.4mm	(1/8" x 4" x 36")
3.0mm x 152.4mm x 914.4mm	(1/8" x 4" x 36")
3.0mm x 177.8mm x 1219.2mm	(1/8" x 7" x 48")
3.0mm x 304.8mm x 457.2mm	(1/8" x 12" x 18")
3.0mm x 76.0mm x 457.2mm	(1/8" x 3" x 18")
3.0mm x 457.2mm x 457.2mm	(1/8" x 18" x 18")

3. Technical Data:

Federal Specifications – SS – T-312B

Type IV, Composition C1

Static Load Limit – shall meet the requirements of L-F-475A for residual indentation (maximum 0.007")

Static Load Limit per ASTM F-970-00 – 1100 psi – (residual compression, maximum 0.005")

Chemical and Stain Resistance – Excellent

Fire Resistance – Class I, per ASTM E-648; >0.45

Smoke Density - <450 per ASTM E-662.

Slip Resistance – >0.60 per ASTM C-1028-89.

B. Installation:

Inspect subfloor surfaces carefully to determine acceptability; and thoroughly sand and vacuum surface to remove miscellaneous dirt and foreign materials. All Tajima shall be installed under proper job conditions per manufacturer's current written specifications and installation instructions, using only manufacturer's approved adhesive. Chapco #231 adhesive is approved for installation of Tajima.

C. Warranty:

All Tajima products shall be covered by Manufacturer's Written Limited Warranty.

Distributed by:

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