

JOB CONDITIONS

- A. Do not install floor tiles until the work of all other trades has been completed, especially overhead trades.
- B. Areas to receive floor tiles shall be clean, fully enclosed, weather tight, adequately lighted, and heated to a minimum of 70° F. for a minimum of 72 hours prior to, during and permanently after installation is completed, with permanent heating system.
- C. All subfloor surfaces must be **DRY**; finished smooth, flat, and level; and be free and clean of all contaminates.
- D. **Suitable Subfloor Surfaces:**
1. **New Concrete**
 - a. New Concrete must be structural concrete, minimum 3000 psi (150 lbs./cu. ft.); steel troweled finished smooth, flat, and level.
 - b. Concrete must be free of contaminants. Sand surface of concrete with heavy-duty rotary disc sander with coarse sandpaper to remove any surface contaminates including curing membranes - (use #60 grit). Paint, oil, grease and all adhesives must be removed by "BLASTRAC" procedure.
 - c. Concrete must be **DRY**. (Maximum 3.0 lbs. /1000 sq. ft. in 24 hours/calcium chloride test.)
 - d. Patch and repair all minor cracks, voids, and other imperfections with cement-based concrete patching material; minimum 3000 psi; using Ardex or Mapei patching and leveling materials only in strict accordance with manufacturer's application instructions.
 - e. After completion of sanding, patching, and leveling vacuum entire surface of concrete with heavy-duty commercial vacuum to remove loose dust and dirt as a final cleaning. Sweeping should only be done to remove heavy dirt and not as a final cleaning procedure.
- E. **Existing Resilient Floors**
Tajima floor tiles may be installed over a single layer of non-cushioned resilient flooring provided that it is in sound stable condition. Existing resilient flooring must be smooth (not textured or embossed). Remove all cracked and damaged existing tile or sheet resilient flooring. Replace with similar material of same gauge. Existing concrete and resilient flooring must be dry (maximum of 3.0 lbs. per thousand square feet in 24 hours per calcium chloride test procedure). Do not use any type of patching compounds or underlayment materials to smooth or level existing resilient flooring. *Please note: When installing Tajima tiles over existing resilient flooring, you must use G-19 two-part polyurethane adhesive.*
The Tajima manufacturer or supplier is not responsible for any type of failure of existing resilient flooring.
- F. **Unsuitable Subfloor Surfaces**
1. Particle board, chip board, flak board, hard board, and light weight aggregate concrete.
 2. Contact us for recommendations regarding other types of substrates.

INSTALLATION INSTRUCTIONS

1. Test concrete for moisture using only calcium chloride test kit procedures. Perform a moisture test every 1,000 square feet or a minimum of two tests. Moisture must not exceed 3.0 lbs. per 1,000 square feet in 24 hours per calcium chloride test.
2. Check actual boxes of all tile to be sure that correct color of tile, pattern, and quality has been shipped for your specific installation. DO NOT MIX DYELOTS IN THE SAME AREA.
3. Observe wearing surface and back of all tiles to be sure there is no damage or defects. Do not install or glue tile with visible defects. Tiles that may have minor defects on one side of tile or at edges can be used for trimming and fitting at walls and columns. Install Tajima tile with Tajima #987-M adhesive using a notched trowel with notches 1/16" wide by 1/16" deep, spaced 1/16" apart. Set tiles into adhesive within 10-20 minutes after spreading while adhesive is still wet. Please note complete instructions on adhesive containers. All corners of tiles shall be butted, not staggered. Square tiles will have an arrow on the back of the tile or a line. The square tiles should be installed with the arrow or lines at 90° angles to each other in order to accomplish uniformity of color and pattern. Layout tiles loosely a minimum of 15 to 20 tiles, to verify uniformity of color and pattern. If the tiles cannot be installed with a uniform appearance, do not install the floor tiles. Contact us for assistance. NOTE: Stagger end joints of WOOD-LINE planks randomly 4" to 14". Fit tiles carefully and neatly to all pipes, columns and other obstructions without voids, especially where there will be no base installed. Within one-half hour after installation, roll the tiles thoroughly in both directions with a 150 pound linoleum roller, to properly seat the tiles into adhesive. Check tiles two to three hours later and roll again. Fit tiles properly at walls. Do not over-fit tiles as that will cause them to buckle. During installation of tiles, remove any spilled adhesive or adhesive that may be squeezed through joints with a clean white rag dampened with water. If adhesive has set prior to removal with a damp rag, it can be removed with mineral spirits solvent. Foot traffic is allowed after installation of tile is completed, but heavy traffic should be not allowed for 72 hours. Also, floor surface should not be cleaned until 72 hours after installation is completed.

The floor is designed to properly support a static load of 200 psi. Furniture, equipment, and rolling loads should not exceed these limits. If they do, legs of such equipment and furniture should be properly supported to prevent damage to tiles. Chair pads are recommended under chairs with roller casters. Protect floor surface with wood planks or sheets of plywood whenever heavy equipment or furniture must be moved.

Tiles should be properly maintained in accordance with Tajima manufacturer's recommendations.

***PLEASE NOTE: IF TAJIMA TILES ARE TO BE INSTALLED OVER SUITABLE EXISTING RESILIENT FLOORING, YOU MUST USE G-19 TWO-PART POLYURETHANE ADHESIVE.** Also, it is possible that joints of existing resilient flooring may telegraph through Tajima tiles. This is a common occurrence and is not a product defect.