



## **Titanium II – LVP Glue Down**

### **Installation Instructions**

#### **GENERAL INFORMATION**

##### **Product Inspection**

- Inspection of all flooring material must be done prior to the installation.
- Materials with visible defects are not covered under warranties once they are installed.
- This LVP flooring is manufactured in accordance with accepted industry standards, which permit defect tolerance not to exceed 2%.

##### **Sub-Floor Preparation**

- Sub-floor must be flat, dry, smooth, level, free from residues and structurally sound.
- The sub-floor must be level to within 3/16" in 10' or 1/8" in 6'.
- For concrete substrates, conduct moisture testing (MVER) not to exceed 5lbs and/or percent relative humidity 95% (in-situ probe).
- Concrete substrates should also be tested to determine the pH level. An acceptable pH level is between 5-9. Levels below or above these can damage the product, and require treatment before the product can be installed.
- Irregularities in concrete, ceramic tile floors, ceramic and marble grout joints, should be filled and leveled using a cementitious based patch. Prime floors as instructed by the floor patch manufacturer to ensure the concrete floor patch will bond to the substrate properly.
- If installing over existing resilient flooring, the existing flooring must be clean, dry, and fully adhered to the subfloor. Glue down products should not be installed over existing cushion back sheet vinyl, or products with an existing cushioned underlayment. You should not install over two existing layers of resilient flooring.

##### **Site Conditions**

- The area to receive resilient flooring materials and adhesives should be maintained between 65°F (18°C) and 85°F (29°C) for 48 hours before installation, during installation, and 48 hours after completion. Maintain temperatures between 55°F (13°C) and 85°F (29°C) for the life of the product thereafter.
- This LVP flooring can be installed over Hydronic Radiant Floors, but the subfloor surface temperature cannot not exceed a maximum of 85°F (29°C).
- Remove baseboard, quarter-round moldings, wall base, appliances and furniture from room.
- After preparation work, sweep and vacuum the entire work area to remove all dust and debris.

##### **Installation Guidelines**

- This LVP flooring must be installed indoors.
- Determine which direction the plank will run. Find the center of each of the end walls. The walls perpendicular to the long dimension of the planks and place a pencil mark on the floor.

- Door trim should be under-cut to allow flooring to move freely without being pinched.
- Whenever possible, plan the layout so that the joints in the planks do not fall on top of joints or seams in the existing substrate. The end joints of the planks should be staggered a minimum of 6" apart.
- Avoid installing pieces shorter than 8" (20.32 cm).
- Avoid exposure to long periods of direct sunlight. Use blinds, curtains, or shades to assure that the product is not overheated due to direct sunlight exposure.

### **Adhesives**

- This LVP requires the use of a premium pressure sensitive vinyl adhesive designed for use on Luxury Vinyl Flooring.
- A bond test should be performed to test for proper adhesion.

### **Installation:**

- Expansion space should be left around the perimeter. Typically, expansion is 1/4".
- You can install this LVP on grade, below or above.
- A 1/4" expansion space must be left for undercut jambs and casing.
- Start in a corner allowing proper expansion space.
- Place next board against the first board aligning the piece and tight against first piece and lay flat on floor. Continue in this manner for the entire first row.
- Cut end board in first row to correct length and start second row with left over piece (if possible). End joints must be staggered by at least 8" for a natural random appearance. Butt seam must be placed in each row regardless of width.
- Complete second row ensuring all end joints are tight and flush.
- You can proceed until the entire floor is finished. Trim the underlayment before installing quarter round or wall base.
- All flooring must be rolled with a 100 lbs. roller after installation.