

LVF Installation Instructions - Glue Down

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 LVF 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 insure 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.
- If installing over an existing floor with a wax coating, the wax should be removed to insure a good bond between the existing flooring and adhesive.

Site Conditions

- Acclimate flooring and room at a constant temperature between 65°F (18°C) and 80°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.
- Never install Kraus LVP over existing asphalt-type (cut back) adhesive.
- This LVF 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 LVF 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 LVF 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 LVF 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.

Warranty

This Luxury Vinyl Flooring carries a Ltd. Residential Warranty and a Ltd. Light Commercial Warranty for wear to the finish under proper usage and maintenance conditions. Refer to Kraus' written warranty documents for details on the definition of Light Commercial spaces. The length of the Warranties are based upon the wear layer thickness of each product, and are listed below. The Warranties apply only to the original purchaser and proof of purchase is required for all claims. Claims for wear must show a minimum dime size area. Defect of goods must be proven by inspection procedures deemed proper by the Manufacturer. Warranty is conditioned upon Manufacturers receipt of notice in writing from the buyer of the alleged defect prior to expiration of the warranty period and evidence that the products were properly installed and not subject to any of the exclusions described below.

Exclusions

- Any visible defects noted after installation.
- Consequential or incidental damages, such as any loss, expense or damages other than to the flooring itself that may result from a defect in the flooring.
- Improper installation.
- Improper maintenance or inadequate care, including, but not limited to, mold or mildew growth as a result of excessive moisture accumulation.
- Accidents, abuse, or misuse.

- Building settling or uneven sub-floor.
- Damages caused by furniture without felt pads or protective covers.
- Damages caused by sharp objects making contact with the floor.
- Direct sunlight can affect the appearance and performance of the material and issues caused by the sunlight are not manufacturing defects. During peak hours of sunlight, blinds, shades or drapes should be closed to lessen the potential impact and prevent thermal expansion.
- Chair pads must be used under rolling chairs.
- Products installed in areas subject to heavy rolling loads.
- Products installed in any space that does not have a permanent HVAC system.

Limited Warranty Term Length

- The length of each warranty is determined by the product's wear layer thickness.

Wear Layer Thickness	Residential	Light Commercial
6 mil	15 Years	N/A
12 mil	25 Years	7 Years
20 mil	30 Years	10 Years
22 mil	35 Years	12 Years

Please refer to Kraus' written warranty documents for additional details.

Maintenance

- Place rugs at entry points to help trap grit and absorb moisture that may damage the finish. This can protect the floors from dirt or wear. Do not use rubber backed rugs that mat trap subfloor moisture.
- To prevent abrasive dirt and dust from accumulating and scratching the finish, sweep or dust mop your floor once a week or more if needed.
- Do not use harsh abrasive cleaners, bleach, ammonia or citrus based cleaners, wax or acrylic polishes, or oil soaps. These may dull or damage the finish, leaving a greasy film and making the floor slippery and more difficult to clean.
- Protect your floor against direct sunlight or any intense source of artificial lighting. Over time, intense natural and artificial light may discolor the floors.
- Do not roll or drag heavy objects across your floor. Do not wear shoes having heel taps, spikes, cleats, rocks, gravel or sharp objects protruding from the sole.
- Add felt pads to all furniture and chair legs to prevent damage to the floor. Replace the felt pads when dirty or worn. For extremely heavy objects, use wide, non-staining rubber cups. Protective floor coverings for wheeled office furniture should be used.