

Luxury Vinyl Plank (LVP) Sun Room Installation

Technical Bulletin

Overview

Sun rooms, three season rooms and other installation areas that will only have seasonal HVAC controls are typically not acceptable applications for Luxury Vinyl Tile / Plank installations using traditional adhesives and methods. However, the following technical bulletin contains specific installation instructions for installing in these applications. Be sure to review the tech data and installation instructions of the actual product being installed, especially the General Information section. ***Unless otherwise stated in this technical bulletin, all existing information in the installation instructions must be followed.***

General Information

Additional Tool List:

In addition to the tools listed in the installation instructions, the following is required

- 2-inch Double-Sided Reinforced Vinyl Flooring Tape
- Weighted Metal Hand Roller
- 1/32 x 1/16 x 5/64 in. (WHA) U Notch Trowel

Approved Adhesive Information: The Wakol 552 Modified Silane (MS) Adhesive must be used. Replace trowels every 4 gallons to ensure even coverage - do not re-notch trowels. ***Labor costs associated with materials installed with an unapproved adhesive will not be covered under warranty.***

Flooring Installation

Starting Line: Sun room installations should start along the furthest wall from the room entrance, allowing installation to back out of the room. Measure the width of each end of the area, then calculate and mark the center of the room. Calculate the width of the last row - if it is less than half the width of the floor covering, adjust your starting line by half the width of the flooring. Use a chalk line to mark the starting line, which should be along the side of the first row.

First Row: Pre-cut the first row, including end cuts, ensuring each piece follows the starting line. Apply the vinyl flooring tape to the substrate along the starting wall without removing the release paper.

Apply the Wakol 552 adhesive slowly and evenly to the substrate at a ~45° angle using 1/32 x 1/16 x 5/64 in. (WHA) U Notch Trowel without covering the tape. Only apply enough adhesive to cover slightly more than the first row.

Next, remove the release paper from the tape and immediately install each pre-cut piece carefully along the starting line and roll the flooring into the tape adhesive using a weighted metal hand roller. Repeat this process to complete the first row. Make sure the starting row is straight - the acceptable straightness tolerance is within 1/16-inch for lengths over 20-feet or 1/32 inch for lengths under 20-feet.

Adhesive Application: Once the first row is complete, continue the installation by applying the Wakol 552 adhesive at a ~45°

angle using the specified trowel notch. Avoid skips, puddles or sharp trowel turns. Only apply as much adhesive as can be covered within the working-time, typically only 1-2 rows at a time.

Flooring Installation: While adhesive is still wet, install the floor covering, including perimeter cuts. Ensure all arrows on the back are pointed in the same direction and periodically lift the material to ensure the adhesive is still wet and making adequate contact with the back of the flooring.

Ensure all joints are snug without over-compressing the material. If necessary, apply blue painter's tape across joints to ensure they stay snug while working on material and remove after 3-hrs. After every 2 rows (< 30-mins), roll the flooring slowly and carefully, first width then length, using a 100 lb. three-section roller. Avoid moving or shifting the material after installation and weight down any peaked seams or edges for at least 3-hrs to ensure the flooring makes full contact with the adhesive prior to curing. Failure to roll correctly or weigh down peaked seams may result in bonding issues.

Repeat this process for the remainder of the installation. Once complete, re-roll the entire installation area in both directions. If adhesive gets on the surface of the material, immediately remove it using a clean, damp cloth. If the adhesive has dried, use a small plastic putty knife to pull the adhesive off or use a small amount of 70% Isopropyl alcohol and a clean cloth or scrubbing pad to remove it.

Post-Installation: Visually inspect the installation to ensure that the appearance is uniform and straight, that all seams are tight and correctly staggered/spaced. When spot cleaning, do not apply abrasive or solvent-based cleaners directly to the surface of the floor covering. ***Ensure ambient temperatures do not fluctuate by more than 2° F and avoid all traffic on the newly installed flooring for at least 12-hrs after installation.***

When required, protect newly installed flooring with construction grade paper or protective boards, such as Masonite, Ram Board or plywood, to prevent damage from other trades. Take photographs and have any required documentation signed and filed following completion. Save three or more extra pieces of material in the original packaging as attic stock for the lifetime of the floor. In the unlikely event of a product issue, attic stock can play a crucial role in product identification, color matching, product claim verification and possible repairs.