

Contractor Installation Guide for Infinity

1. Preparing Infinity Luxury Woven Vinyl™ (LWV) for Installation

- 1.1. Goods must be rolled face out, cushion in. Do not crease fabric. All claims and warranties voided if rolled any other way or if product has been cut, fitted or installed.
- 1.2. Before cutting, check the following: Product Quality, Colour, Style and Dimensions.
 - 1.2.1. Product's weave may not run parallel to the cut edge. Due to the fabric's weaving process, some wave, or skew is normal. Tolerance level is 3.05m in either direction.
 - 1.2.2. It is normal for some patterns to exhibit light or dark shading. This shading can be more evident at seams where two pieces in the same style meet.
 - 1.2.3. If fabric does not meet expectations, please contact customer support.
- 1.3. For 3.05m width fabric, trim off selvage. Trim flat on surface with a straight edge, using a new razor blade for each cut. Always cut product from the face side of the fabric. Dull blades may damage the product or produce rough edges. Clean cuts allow for reduced seam visibility. No matter how clean the cut, woven vinyl installations typically show seams.
 - 1.3.1. Note that "T" seams are not recommended with woven vinyl and avoid cross seams if possible.
- 1.4. Note this only applies to delamination issues not covered by our warrant, while not common, can be resolved by spray glue or seam sealer injections. If the area to be repaired is near an outer edge, pull back the face fabric and spray the area with a multipurpose glue. If the area to be repaired is further in, an injectable adhesive is required. Inject the site using seam sealer – depth should be no greater than 0.79mm (Just through the face fabric).

2. Preparing the Substrate

- 2.1. Approved Substrates
 - Plywood, Particle Board, Oriented Strand Board
 - Fibre Glass
 - Fibre Cement Sheeting
 - Concrete
 - Aluminium, Steel
- 2.2. Substrate must be smooth, clean, level, dry and free of dust, dirt, grease, oil, paint, curing compounds, incompatible sealers, fire retardant chemicals, release agents, or any other foreign substance that might interfere with a good bond. Subfloor must be smooth and fully adhered. Depending on the type and condition of subfloor, mechanical treatment of the subfloor such as mechanical brushing, grinding with coarse sandpaper. It is the sole responsibility of the installer/contractor to ensure that the concrete surface is properly prepared prior to installation. See ASTM F710-11 Standard Practice for Preparing Concrete.
- 2.3. It is necessary that the installer inspects the substrate for cracks or low spots and repair using the appropriate process for the substrate.
- 2.4. Check floor for hydrostatic pressure and high relative humidity readings in the substrate. Moisture levels of concrete must be below 10lbs per 1000SF (According to ASTM-1869 Test Method) and 90% RH (Tested in accordance with ASTM F-2170).

A simple moisture test: Place a 300mm x 300mm piece of black plastic or rubber mat on the area to be coated at the hottest part of the day. After 2 hours, remove and inspect. If any condensation is present on the underside of the plastic, or the substrate has darkened, then it is too wet to coat. Be patient, allow to dry further and repeat test until no moisture is detected.

 - If area has been previously sealed, ensure coating compatibility. If in doubt, remove existing coating.
 - Ensure any areas where coating is not required are suitably protected with plastic drop sheets or similar.

3. Planning the Seams

- 3.1. **The placement of the seams for the project is very important.** Please make sure the seams run perpendicular to the light source. Mark and snap a straight line on the substrate for the placement of the seam. The number of seams should be reduced to a minimum. Avoid placing seams that are located near entrances. Avoid cross seams and T seams.

4. Installation

- 4.1. Adhesive and woven vinyl must be acclimated on-site. The minimum temperature should be no less than 18°C to 29°C and 30 to 60% RH for 72 hours before, during and 24 hours after the installation.
- 4.2. Standard practice for resilient flooring is to unroll the product and let it relax for 24 hours. We strongly recommend this 24 hour timeline. This method ensure the best adhesive transfer – a 100% transfer of adhesive onto the foam backing must be obtained.
- 4.3. Apply recommended (Adesilex G19) adhesive to substrate with an approved notched trowel (Mapei). Check with the preferred adhesive manufacturer for the correct trowel.
 - 4.3.1. Adhesive must wet transfer 100% to flooring product to ensure proper bond.
- 4.4. **Placing and Fitting the seam**
 - 4.4.1. All 3.05m width infinity Luxury Woven Vinyl rolled goods will come with a selvage edge. It is important to butt back several inches to trim off selvage.
 - 4.4.2. Again, it is very important that the installer spends time adjusting/working with the seams both in width and length for the best appearance. Lay all the rolls in the same direction before making any cuts.
 - 4.4.3. Place the adhesive along the seams areas first. All installations require bubbles and air pockets to be smothered out with non-sharp edge boards (wood, plastic or cork) from centre to the edges.
 - **General Range:** Products like Affordable Texture Plus can be double cut from face only, with a sharp new blade and a straight edge. The roll drops are overlapped in a parallel way before cutting.
 - **Teak Range:** To cut the seams of a stripe design, cut next to the stripe accent from face with a new sharp blade and straight edge. The first drop is laid to the straight-line mark on the floor. Then the second roll drop, after matching the design, butt to first sheet.
 - 4.4.4. Installations for all products installed with adhesive must be rolled for proper glue transfer with 15 to 22Kg floor roller. Hand rollers can be used for smaller installations.

5. Finishing

- 5.1. Seam sealer or chemical weld is required for seams. (PVC Cold Welding Liquid Type A) is recommended as the optimal seam sealer for this product.
- 5.2. All seams must be cleaned and any dust and adhesive removed.
- 5.3. Use masking tape on both sides of the seam to keep sealer off the face of the woven vinyl.
- 5.4. Allow seam seal to cure without traffic for minimum 24 hours.

6. General Tips at Finish

- 6.1. Traffic for 24 hours after installation should be limited. The glue and seam sealer should be completely dry and hardened before normal foot traffic.
- 6.2. Once the installation has been completed, the surface should be protected, particularly if the area is to be used by other trades during final finishing.
- 6.3. **Failure to adhere to these fitting instructions will void any claims.**

