

Infinity Floor

LVT Installation Instructions

For Infinity Floor glue down and loose lay LVT products. Written to clarify installer obligations, substrate requirements, and bond related risk points.

Important

These instructions are intended to reduce avoidable claim disputes by clearly defining installer responsibilities, jobsite conditions, maintenance expectations, product limitations, and warranty triggers.

Effective Date

March 6, 2026

Applies To

Infinity Floor branded products unless otherwise stated in writing

Supersedes

All prior versions of this document

Key Limits and Thresholds

Category	Requirement	Notes
Temperature	60 to 85 degrees F	Maintain for at least 5 days before installation, during installation, and after installation.
Relative Humidity	35% to 65%	Maintain as a normal interior climate controlled range.
Flatness	3/16 inch in 10 feet	Target 1/8 inch in 6 feet for better appearance and bond performance.
Concrete Moisture	90% RH max / 8 lbs max	ASTM F2170 or ASTM F1869, unless selected installation materials require lower limits.
Joint Stagger	12 inches minimum	Avoid repeating patterns and short end cuts.
Roller	100 pound minimum	For glue down installations, roll in both directions.

1. Important Notice

These installation instructions are the official Infinity Floor requirements for LVT products, including glue down and loose lay constructions, and supersede all prior versions.

Failure to follow these instructions may result in loss of bond, movement, telegraphing, dimensional change, or other installation failure and may void warranty coverage.

Installation of flooring constitutes acceptance of the product, the substrate, and all jobsite conditions.

2. Installer Responsibility and Site Acceptance

The installer, flooring contractor, and purchaser are responsible for verifying that the selected product is appropriate for the intended use and that the substrate and jobsite are suitable.

The installer is responsible for substrate preparation, moisture testing, environmental control, layout, bond evaluation, and final installation quality.

If jobsite conditions are not acceptable, installation must not proceed.

Once installation begins, the material and jobsite are deemed accepted by the installer and purchaser.

3. Jobsite Conditions

The building must be fully enclosed and climate controlled before, during, and after installation.

Maintain temperature between 60 degrees F and 85 degrees F for at least 5 days before installation and continuously thereafter.

Maintain interior relative humidity between 35 percent and 65 percent.

Do not install in unconditioned spaces or where the floor will be exposed to repeated freeze thaw cycles or severe temperature fluctuation.

4. Product Inspection, Lighting, and Appearance

Inspect all cartons and planks for visible damage, dimensional irregularity, printing issues, texture consistency, and color blend prior to installation.

Mix material from multiple cartons during installation.

Variation in shade, gloss, grain pattern, and overall appearance is normal and is not considered a manufacturing defect.

Material must be evaluated under normal lighting conditions before installation. Appearance related claims will not be accepted after installation.

5. Product Storage and Acclimation

Store cartons indoors, flat, and away from direct sunlight, excessive heat, or moisture.

Do not store product on edge or in uncontrolled environments.

Acclimate LVT material for a minimum of 24 hours in the installation area. Longer acclimation may be required if material has been exposed to extreme temperatures.

6. Subfloor and Surface Preparation

All substrates must be clean, dry, flat, smooth, structurally sound, and free of contaminants that could interfere with bond, fit, or appearance.

Flatness must not exceed 3/16 inch within 10 feet and 1/8 inch within 6 feet.

Residual adhesive, paint, curing agents, wax, oil, dust, and weak patch materials must be removed or corrected before installation.

Unevenness, cracks, joints, and telegraphed imperfections can show through resilient flooring and are the responsibility of the installer to address prior to installation.

7. Moisture Testing and Concrete Conditions

Concrete substrates must meet the latest applicable edition of ASTM F710 and be tested for moisture before installation.

Maximum allowable moisture level is 90 percent RH under ASTM F2170 or 8 pounds per 1,000 square feet per 24 hours under ASTM F1869, unless a lower threshold is required by the installation material selected for the project.

Concrete pH must be between 7 and 9.

Moisture related adhesive failure, bond loss, pH attack, or subfloor deterioration is not covered by warranty.

The installer should retain moisture test results and related site records.

8. Approved and Unapproved Substrates

Approved substrates include properly prepared concrete, plywood, approved underlayments, existing fully bonded hard surface floors, and ceramic or porcelain tile that has been smoothed as needed.

Do not install over carpet, cushioned sheet goods, unstable floating floors, wood attached directly to concrete, or any soft substrate that will permit movement.

Do not install over expansion joints or moving joints.

9. Glue Down Installation

Use a suitable resilient flooring adhesive that is compatible with the product and the substrate. Infinity Floor does not require a specific adhesive brand.

Follow the adhesive manufacturer's written instructions for spread rate, trowel selection, open time, working time, flash time, rolling requirements, and moisture limitations.

Only spread as much adhesive as can be covered within the working time. Do not install into adhesive that has skinned over or otherwise lost transfer.

Roll the installed flooring in both directions with a minimum 100 pound three section roller as soon as conditions permit without shifting the material, and again as needed within the adhesive manufacturer's recommended window.

Protect the floor from heavy traffic, rolling loads, and wet cleaning until the adhesive has fully cured.

10. Loose Lay Installation

Loose lay material must be installed only where the substrate is flat, the space is suitable, and the floor can be fitted tightly and securely.

Perimeter zones, openings, and areas subject to movement may require adhesive for stabilization.

High traffic areas, wheeled traffic areas, large open spans, and commercial entries may require full bond installation rather than loose lay.

Loose lay is not a cure for poor subfloor conditions or uncontrolled environmental movement.

11. Layout, Joint Stagger, and Bond Review

Establish a balanced layout before installation begins to avoid very narrow cuts and to improve overall visual balance.

Stagger end joints a minimum of 12 inches and avoid obvious repeating patterns.

During glue down installation, periodically lift a plank to confirm adequate adhesive transfer to the backing.

If transfer is inadequate, stop and correct the spread, open time, substrate condition, or adhesive condition before proceeding.

12. Direct Sunlight, Solar Gain, and Thermal Expansion

Direct sunlight and concentrated solar heat can soften or expand resilient flooring and can accelerate adhesive stress at the bond line.

Use blinds, shades, tinting, UV film, or other means of limiting excessive solar gain in areas with large glass openings or direct southern or western exposure.

Damage resulting from excessive heat or solar gain is not considered a manufacturing defect.

13. Rolling Loads, Furniture, and Commercial Stress

Use broad, non staining floor protectors on all stationary furniture.

Use chair mats under rolling office chairs and rigid panels when moving heavy equipment or appliances.

Heavy rolling traffic, concentrated point loads, pallet jacks, forklifts, and similar stress conditions may exceed the intended use of many LVT products and can cause bond failure, indentation, or surface damage that is not covered by warranty.

14. Wet Areas, Stairs, and Specialty Spaces

LVT may be used in areas where topical water is expected, but installations must still be protected from standing water, plumbing failures, hydrostatic pressure, and other uncontrolled moisture sources.

Stair applications require a full bond installation using materials and methods appropriate for the application, and compliance with all local code and safety requirements remains the responsibility of the installer.

Sunrooms, three season rooms, and similarly exposed spaces require special care and may not be suitable for every construction type.

15. Post Installation Protection and Maintenance

Do not wash the floor aggressively or expose it to routine wet cleaning until the installation materials have cured.

Sweep or vacuum regularly using equipment without a beater bar.

Clean spills promptly and use only pH neutral cleaners intended for resilient flooring.

Do not apply wax, polish, acrylic finish, or unapproved topical coatings.

Rubber backed mats, asphalt based mats, and some dark dyed textiles may cause staining or discoloration.

16. Warranty Conditions

Warranty coverage applies only when product selection, jobsite conditions, subfloor preparation, and installation methods are appropriate for the use environment and the product is maintained properly.

For complete terms, exclusions, and remedies, refer to the Infinity Floor Limited Warranty.