

ECOVERT® FLOORING COLLECTION

Installation Guide LVP Glue Down

Materials Required for Installation:

- Tape Measure
- Square Ruler
- Utility Knife
- Chalk line
- 100 lb. Roller

Acceptable Subfloors:

- **Wood subfloor**

Wood subfloor must be American Plywood Association (APA) rated subfloor grade as specified and warranted by the manufacturer. All wood subfloors require a double layer construction. Porous wood subfloors must be primed.

Any failure of the subfloor or flooring due to the subfloor is not the responsibility of The Manufacturer. The Manufacturer does not recommend installing resilient flooring over wood flooring or subfloors applied directly over concrete or sleeper-construction floors.

- **Concrete** — See Grade Levels below. All concrete subfloors require moisture testing.

Grade Levels:

Suspended: An acceptable suspended floor is a concrete or wood substrate with a minimum of 18" (460mm) of well-ventilated air space beneath it. The Manufacturer recommends that a moisture vapor barrier be placed on the ground below the air space.

On-Grade: An acceptable on-grade floor is a concrete substrate in direct surface contact with the ground at the surrounding ground level. The concrete slab should be protected from moisture penetration and incorporate a permanent, effective moisture vapor retarder with a minimum thickness of 0.010 and a permeance of 0.1 per ASTM F710.

Below-Grade: An acceptable below-grade floor is a concrete substrate partially or completely in contact with the ground below the average surrounding ground level. The concrete slab should be protected from moisture penetration and incorporate a proven moisture vapor barrier. The concrete slab should be protected from moisture penetration and incorporate a permanent, effective moisture vapor retarder with a minimum thickness of 0.010 and a permeance of 0.1 per ASTM F710.

Approved Substrates:

- Concrete
- Portland Based Underlayments
- Terrazzo
- APA Approved Plywood
- Fiber Cement Underlayment
- Radiant Heated Subfloors (not exceeding 85°F (29°C))
- Properly Prepared VCT
- Properly Prepared Sheet Vinyl (single layer, fully adhered)

Unacceptable Surfaces:

- Cushion-back vinyl
- Laminate
- Any floating floor system
- Carpet
- Cork

The Manufacturer will not warrant or accept responsibility of any kind for flooring failures related to the use of unacceptable substrates and surfaces.

Floor Preparation:

The smoothness and cleanliness of concrete subfloors must meet or exceed the requirements of ASTM F710. Fill all holes and cracks with a latex fortified Portland cement based patching compound. The Manufacturer only recommends the use of latex fortified Portland cement based products as a satisfactory patching or leveling compound.

The Manufacturer recommends priming extremely porous floors with a Premium Acrylic Latex Primer to prevent over absorption of adhesives, dust containment, and to insure a better bond of the adhesive to the subfloor/underlayment.

Moisture Testing:

All concrete slabs, both old and new, must be tested for moisture transmission using the Calcium Chloride Moisture Test according to ASTM F1869. Moisture vapor transmission should not exceed the recommended levels of 5 lbs. per 1,000 sq. ft. in 24 hours. This test should be performed and documented prior to installation. Also test for relative humidity in concrete floor slabs using in-situ probes, which should be no more than 80% RH per ASTM F2170 before, during and after installation.

These acceptable moisture readings are only applicable when using HF800 Luxury Vinyl Tile & Plank adhesive.

Storage and Handling:

Acclimate the flooring a minimum of 48 hours before installation in the area it is to be installed. Conditions between 65°F and 85°F (18°C and 29°C) are required before, during and after installation. Cartons should be evenly stacked no more than two high on a flat surface and away from any heating/cooling ducts or direct sunlight.

Floor must be clean, smooth, flat and dry. Remove all foreign substances such as wax, grease, dirt, construction marks and contaminants, and any substance or chemical that would interfere with a good bond. Avoid using sweeping compounds. Do not install over substrates that have been chemically cleaned. The flatness of wood subfloors or underlayments must not exceed on variation of 1/4" in 10 feet (1/2cm in 3 meters).

PH Levels:

pH on concrete substrates must be between 7 and 9.

Inspection of flooring material prior to installation is required. Any defects should be immediately reported to the retail store from which the flooring was purchased before installation. The Manufacturer will not be responsible for labor costs to repair or replace material with defects that were apparent before or noticed at the end of an installation. The job site and all flooring material and adhesive must be kept for 48 hours before, during and after installation between 65° F and 85° F (18°and 29°C).

Please Note:

If removal of existing resilient floor covering is required, follow all recommended Resilient Floor Covering Institute (RFCI) work practices at www.rfci.com.

The Manufacturer only recommends the use of Portland cement based products as a satisfactory patching or leveling compound for the installation of all The Manufacturer flooring products.

Common Uses:

- Leveling Substrates
- Filling holes
- Filling cracks
- Embossing existing resilient floor, ceramic tile or VCT
- Leveling non water-soluble adhesives
- Filling saw cuts and/or construction joints

Do not fill actual expansion joints or other moving joints with elastomeric fillers that are designed to absorb movement in concrete slabs. Cementitious underlayment, patches and resilient flooring installed across true expansion joints will often buckle or crack when the slabs move. Usually architects will specify expansion joint covers for the use with various floor coverings.

Trowel Specifications

Application Width X Depth X Spacing	Spread Rate	Type of Installation
1/16" x 1/32" x 1/32" Fine Notch Trowel	250-300 sq. ft. per gal	Porous Substrates
1/16" x 1/32" x 1/32" Fine Notch Trowel	250-300 sq. ft. per gal	Non-Porous Substrates

WARNING:

For installation over old resilient floor coverings or when considering removing existing resilient floors, please be advised that these products may possibly contain asbestos fibers or crystalline silica. Please follow all recommended Resilient Floor Covering Institute (RFCI) work practices at www.rfci.com.

Cutting:

Tiles and planks may be cut with a small tile cutter or scored and snapped.

Precautions:

Planks/tiles may be walked on immediately; however, the floor should be protected with plywood when moving heavy furniture and appliances back into the room.

DO NOT use a damp cloth or damp mop on the new flooring for at least 14 days after the installation. This will allow planks/tiles to become "seated" in the adhesive and prevent excess moisture from interfering with the adhesive bond.

LVP Care & Maintenance Guide

Your LVP flooring will provide years of carefree use. You will find that it is not only beautiful, but durable. It is also much easier to maintain than most other flooring products, thanks to its tough protective finish and moisture resistance. It only takes a few simple care and maintenance steps to keep your floor looking beautiful for years to come.

Residential Care & Maintenance Guidelines

To help protect and keep your floor clean, following these proper care and maintenance guidelines:

Preventative Measures:

- Prevent indentations and scratches by the use of non-staining floor protectors on the legs of chairs, appliances and all heavy furniture. Floor protectors should be at least one inch in diameter.
- Do not flood floor or subject to standing water.
- Protect your floor from tracked-in dirt by using mats at all outside entrances. Mats should have a non-rubberized backing and be marked as non-staining.
- Avoid tracking-in tar or asphalt from driveways.
- Avoid high heel shoes on your floor as they can cause permanent indentations.
- Protect your floors against burns. Burns from cigarettes, matches or other extremely hot items can cause permanent damage.
- Avoid exposure to direct sunlight for prolonged periods, as this can cause discoloration.

Cleaning and Maintenance:

- Sweep the floor regularly with a soft bristle broom to remove loose dirt.
- For every day maintenance, a mop moistened/damp with warm water will suffice.
- For a heavier cleaning you can use a low ph (neutral) cleaner. Example is "Zep" cleaner.
- Spills should be cleaned up immediately.

DO NOT use the following on your LVP floor:

- Soap based detergents
- Wet Swiffer's
- Abrasive or mop and shine products
- Floor wax
- Ammonia or bleaches
- Vacuum cleaner with a rotating beater bar
- Steam mop

Always read the cautionary information on all cleaners prior to use.

IMPORTANT: Never push, pull or drag furniture, appliances or other items across the floor. When moving furniture or heavy items, always lift and carry the items. Place hardboards between the flooring and object to move.