



VINYL LVP INSTALLATION GUIDE



RIGID CORE LUXURY VINYL PLANK INSTALLATION GUIDE

9" × 60" | 6.5 mm | 22 mil Wear Layer | 5G Click | 100% Waterproof

IMPORTANT: READ BEFORE YOU BEGIN

It is the sole responsibility of the owner, purchaser, and/or installer to assess product suitability, ensure subfloor conditions meet requirements, inspect all planks before installation, and follow all instructions. Failure to comply may void the product warranty.

1. OVERVIEW

Congratulations on your Rigid Core Luxury Vinyl Plank project. This waterproof, 100% floating floor is designed to be durable and installer-friendly. With a 22 mil wear layer, 6.5 mm rigid core, 5G click system, and pre-attached 1.5 mm foam underlayment, this product delivers exceptional performance in kitchens, bathrooms, basements, and throughout the home.

Proper planning and preparation are the foundation of a beautiful, long-lasting floor. Please read this entire guide before starting.

Product Specifications

| Feature | Specification |
|-----------------|----------------------------|
| Plank Size | 9" × 60" |
| Total Thickness | 6.5 mm |
| Wear Layer | 22 mil |
| Locking System | 5G Click |
| Core | 100% Waterproof Rigid Core |



VINYL LVP INSTALLATION GUIDE

| | |
|---------------------|----------------------------|
| Underlayment | Pre-attached 1.5 mm foam |
| Installation Method | Floating (click-lock only) |

Health & Safety

- Cutting LVP may produce fine dust. Use dust collectors on power tools.
- Wear a NIOSH-designated dust mask, safety glasses, and gloves during cutting.
- Ensure adequate ventilation in the work area.

WARNING

Some older resilient flooring (vinyl tiles, sheet vinyl, backing, adhesives) may contain asbestos fibers and/or crystalline silica. Do NOT sand, dry sweep, or power-sand these materials. Consult a professional abatement contractor if you suspect asbestos.

Acclimation & Storage

- Acclimate for a minimum of 48 hours in the installation room(s).
- Store and install at room temperature between 65°F and 85°F (18°C to 29°C).
- Maintain indoor relative humidity between 35% and 65%.
- Keep boxes flat on a clean, elevated surface—do NOT store on edge.
- Protect from direct sunlight, extreme temps, and moisture sources.
- Order 10–15% additional material for cuts and waste.

Pre-Installation Checklist

1. Inspect every plank. Once installed, planks are deemed accepted.
2. Verify environment: 65°F–85°F and 35%–65% RH.
3. For new construction: all wet trades must be complete and cured.
4. Verify subfloor is clean, dry, flat, and structurally sound.
5. Read all product-specific documents including warranty terms.

2. TOOLS & MATERIALS

| Tool | Purpose |
|-------------------------------|-----------------------------------------------------|
| Rubber Mallet | Tapping planks into place without damaging edges |
| Tapping Block | Protects plank edges during installation |
| Pull Bar | Tapping the last row into position against the wall |
| Spacers (1/4") | Maintains expansion gap along all walls |
| Utility Knife & Straight Edge | Scoring and snapping planks to length |
| Tape Measure & Pencil | Measuring and marking cuts |
| Chalk Line | Establishing a straight starting line |



VINYL LVP INSTALLATION GUIDE

| | |
|--------------------|-------------------------------------------|
| Circular or Jigsaw | Cutting around obstacles and door casings |
| Broom / Vacuum | Cleaning the subfloor before installation |

3. STEP-BY-STEP INSTALLATION

Step 1: Subfloor Preparation

A properly prepared subfloor is the most critical factor. Rigid Core LVP is forgiving of minor imperfections, but must still meet these requirements.

General Requirements

- Flatness: No more than 3/16" per 10 ft (5 mm per 3 m), or 1/8" per 6 ft. Sand high spots, fill low areas with self-leveling compound.
- Cleanliness: Remove all debris, staples, nails, and adhesive residue.
- Smoothness: Countersink all nail/screw heads. Sand or grind protrusions.
- Structural integrity: No excessive flex, bounce, or deflection.

WARRANTY NOTE

LVP installed on a subfloor with excessive flex or deflection may cause locking joints to fail or crack. This damage is not covered by warranty.

Concrete Subfloors

- Must be fully cured—minimum 60 days old.
- Not sealed, painted, or excessively trowelled. Roughen sealed surfaces by light grinding.
- Free of hydrostatic pressure. Do NOT install if water seeps through the slab.
- Moisture testing: Maximum 90% RH (ASTM F-2170) for rigid core with pre-attached underlayment.
- If borderline, use a 6-mil poly moisture barrier, overlapping seams 8" and taping.

Wood Panel Subfloors

- Plywood or OSB: minimum 5/8" (3/4" recommended), CDX grade, properly fastened to joists.
- Re-fasten squeaking or loose sections. Sand or fill seams exceeding flatness tolerance.
- Replace delaminated, swollen, or damaged sections.

Existing Flooring

- Hardwood/engineered: must be secured and sanded flat. If planks >4", add 1/4" underlayment.
- Ceramic/porcelain tile: fill grout joints flush if >1/8". Re-adhere or remove loose tiles.
- Sheet vinyl: must be in good condition, firmly bonded, flat. Maximum one existing layer.

DO NOT INSTALL OVER



VINYL LVP INSTALLATION GUIDE

Carpet, cushioned vinyl/linoleum, particle board, or any surface that compresses underfoot. These will cause locking joint failure and void the warranty.

Step 2: Plan Your Layout

1. Run planks parallel to the longest wall or primary light source for best results.
2. Measure room width and divide by plank width (9"). If last row will be less than 2", trim the first row equally for balanced cuts.
3. Snap a chalk line parallel to your starting wall.

Step 3: Prepare and Install the First Row

1. Remove the tongue from the long side of first-row planks using a utility knife or table saw.
2. Place 1/4" spacers along the starting wall and all perpendicular walls.
3. Position the first plank in the left corner with cut edge toward wall, click edge facing into the room.
4. Connect end joints by angling each plank down into the click of the previous plank.
5. Cut the last plank to length (score and snap or saw). Maintain 1/4" expansion gap.
6. Use any off-cut of 8" or longer to begin the second row—this staggers end joints.

Step 4: Install Subsequent Rows (5G Click)

1. Angle the long edge (tongue) into the groove of the previous row at 20–25°. Press down firmly until the click engages.
2. Connect end joints within each row before fully seating against the previous row.
3. Stagger end joints minimum 8" from row to row. Avoid H-patterns.
4. Check periodically that rows remain straight and parallel.

Step 5: Handle Obstacles

- Use a jigsaw or hole saw around pipes and obstacles. Leave 1/4" clearance; conceal with escutcheon plates.
- If planks won't fully lock, check that subfloor is flat. Never force a plank—lift, re-angle, and reseal.
- Use a pull bar and rubber mallet to close any gaps at joints.

Step 6: Install the Last Row

1. Measure remaining space, subtract 1/4" for expansion gap.
2. Rip-cut final row planks to correct width.
3. Use a pull bar to click the last row into place.

Step 7: Finish Up

1. Remove all perimeter spacers.
2. Sweep and vacuum thoroughly.



VINYL LVP INSTALLATION GUIDE

3. Install baseboards, quarter-round, or T-molding to cover expansion gap. Do NOT nail through the LVP planks—fasten trim to the wall only.
4. Restrict foot traffic for 24 hours.
5. Lift furniture into position—never slide or drag. Attach felt pads to all legs.

4. TIPS & WARNINGS

Transitions

- T-Molding: Between rooms at same height. Required for areas longer than 40 ft or wider than 26 ft.
- Reducer: Transitions to a lower adjacent floor (tile, carpet).
- End Cap: Where floor meets sliding door track, fireplace, or step-down.
- Stair Nose: At the top edge of stair steps.

EXPANSION JOINT

For rooms exceeding 40 ft (12 m) in either direction, an interior T-Molding expansion joint is required to allow the floor to move freely and prevent buckling.

Radiant Heat Compatibility

- Confirm compatibility with radiant heat system manufacturer.
- Surface temperature must never exceed 85°F (29°C).
- Run system at normal temp for 2 weeks before installation. Reduce to 65°F five days before.
- After install, increase temperature by no more than 5°F per day.
- Maintain 35%–65% RH year-round.

Temperature & Humidity

- Maintain 65°F–85°F and 35%–65% RH year-round.
- Do NOT expose floor to temperatures above 140°F (steam cleaning, concentrated sunlight through glass).
- The 1/4" expansion gap accommodates minor seasonal movement.

Underlayment Note

The pre-attached 1.5 mm foam underlayment provides sound dampening and comfort. Do NOT add additional underlayment unless it is a thin (2 mm or less) moisture barrier membrane on concrete. Additional underlayment can interfere with the click-locking system.

5. CARE & MAINTENANCE

Routine Cleaning

- Sweep or dry-dust mop daily in high-traffic areas.
- Vacuum weekly on hard-floor setting (no beater bar).



VINYL LVP INSTALLATION GUIDE

- Damp mop periodically with a well-wrung microfiber mop and neutral pH, no-rinse vinyl cleaner.
- Wipe up spills immediately. Although planks are waterproof, standing water at seams may seep to the subfloor.
- For bathroom installations, apply clear silicone caulk along the floor perimeter.

Products to Avoid

- Steam mops or steam cleaners (excess heat warps the core and voids warranty)
- Abrasive scrubbers or scouring pads
- Wax polishes, acrylic finishes, or "shine" products
- Ammonia, bleach, or solvent-based cleaners
- Acidic or vinegar-based solutions
- Oil soaps or residue-leaving products

Protecting Your Floor

- Entry mats at all exterior doors. Clean mats regularly.
- Furniture pads under all legs. Replace felt pads as they wear.
- Always lift—never drag or slide—furniture.
- Use flat, wide casters rated for hard-surface floors.
- Keep pet nails trimmed. Clean accidents immediately.
- Protect from prolonged direct sunlight with UV-filtering window film, blinds, or curtains.

Repairs

Minor scuffs can be addressed with a vinyl floor repair kit. For damaged planks, individual planks can be replaced by unclicking from the nearest wall. Save unused planks from your installation for future repairs.

6. WARRANTY & CONTACT INFORMATION

Warranty Coverage

This product carries a limited lifetime residential warranty and a limited 10-year light commercial warranty.

What Is Covered

- Structural integrity of the rigid core and locking system under normal use.
- Wear layer integrity—will not wear through under normal foot traffic.
- Waterproof core—will not swell or buckle from surface water exposure under normal use.

What Is Not Covered

- Improper installation, including failure to maintain expansion gaps or non-approved subfloors.
- Installation or storage outside required temperature and humidity range.



VINYL LVP INSTALLATION GUIDE

- Use of steam mops, steam cleaners, or heat-generating cleaning devices.
- Subfloor deflection, movement, or structural failure.
- Flooding, standing water, hydrostatic pressure, or water infiltration from perimeter/subfloor.
- Scratches, dents, or gouges from furniture, pets, footwear, or other objects.
- Fading or discoloration from UV exposure or chemical cleaners.
- Color variation between dye lots (mix planks from multiple boxes).
- Products sold as-is, clearance, seconds, or non-standard grades. Labor costs of any kind.

Filing a Claim

1. Contact the original retailer.
2. If unresolved, submit a written claim to Reno Source Inc. within the warranty period.
3. Include: purchase receipt, installation documentation (date, subfloor type, installer name), and photos of affected area.

Contact

Reno Source Inc.

www.therenosource.com | support@therenosource.com

Reno Source • Finish Materials • Based in the USA

www.therenosource.com | help@therenosource.com