



LG FLOORS FAST FACTS

INSTALLATION & MAINTENANCE

NOTICE: To obtain the most up-to-date versions of LG Floors product specifications, installation and maintenance recommendations and warranty, please visit: www.lgfloors-usa.com.

1) Job Site Conditions – These conditions apply to all products:

- a) The building's permanent HVAC system must be on and maintained consistently at a range of 65° - 85° F, (20° - 29° C) for at least 5 days.
- b) All flooring materials and adhesives should be acclimated to the jobsite conditions for a minimum of 48 hours prior to beginning the installation. Store and secure all rolls standing upright. Store cartons flat and squarely on top of one another, not on edge.
- c) Visually inspect all material before installation. Contact LG Floors Customer Service Department immediately if any problems exist. Any material installed with visual defects may not qualify as a valid claim.

2) Floor Prep – These conditions apply equally to all products:

- a) Substrates shall be permanently dry, clean, smooth, and structurally sound. They shall be free of dust, solvent, paint, wax, oil, grease, residual adhesive, adhesive removers, curing, sealing, hardening, or parting compounds, alkaline salts, excessive carbonation, or laitance, mold, mildew, and other foreign material that might prevent adhesive bond.
- b) Curing compounds (DO NOT USE). If present, compound must be removed.
- c) It is imperative that moisture testing occur in advance of any installation of any LG Floors product on all concrete slabs, no matter the type, age or grade level of the concrete. Testing should be performed according to ASTM F 1869 Calcium Chloride Moisture Emission Test, (with maximum emission levels of 5 lbs moisture/1000 sq. ft./24 hours), or ASTM F-2170 In-Situ Relative Humidity Test, (with a maximum relative humidity of 75%). ASTM F-2170 In-Situ Relative Humidity Test is the only test accepted for all "light weight concrete" floors. Documented moisture test results are required for LG Floors warranty.
- d) Test concrete surface for pH, pH must not exceed 10. Documented pH test results are required for LG Floors warranty.
- e) Use only Portland-based cement patching and leveling compounds. Do not install LG Floors resilient flooring over gypsum based patching and/or leveling compounds.
- f) Responsibility for the suitability of the substrate rests solely with the installer on the job site.

3) LG Floors Adhesives:

- a) You must use LG Floors adhesive with LG Floors products for LG Floors warranty to be valid.
- b) LG Floors 2100 – solvent-free hard-setting permanent acrylic adhesive for installing heterogeneous sheet and LVT products.
- c) LG Floors 3100 – solvent-free two-part epoxy for areas exposed to topical water, heavy rolling loads, and under hospital beds.
- d) LG Floors 5100 – solvent-free, static dissipative premium acrylic flooring adhesive designed to install static dissipative commercial grade PVC flooring.
- e) LG Floors 5500 – solvent-free, 2-part hard-setting epoxy conductive adhesive specifically formulated for the installation of LG Chem ESD floor tiles over porous and non-porous surfaces.
- f) LG Floors supplies new trowel blades with every order

4) Installing Resilient Sheet Products:

- a) Heat welding is the preferred seaming procedure for commercial installations.
- b) LG Floors recommends chemical welding for 'Artwalk Metal'.
- c) Chemical welding is optional for LG Floors sheet products in low traffic areas.
- d) Avoid all foot traffic for 12 hours after installation.
- e) Avoid rolling load traffic for at least 72 hours. If rolling loads cannot be avoided, protect the new flooring with wood panels.

5) Installing Resilient Tile & Plank Products:

- a) Install LG Floors tile & plank using conventional tile installation techniques. Make sure you will have at least a half of a tile at all borders.
- b) Install tiles running in same direction (arrows are on back of tile).
- c) Avoid all foot traffic for 12 hours after installation.
- d) Avoid rolling load traffic for at least 72 hours. If rolling loads cannot be avoided, protect the new flooring with wood panels.



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6) Maintenance:

Note: LG Floors products do not always require a floor finish. However, in certain applications a floor finish may be desirable to aid in stain resistance, resistance to abrasion or increase gloss level.

Note: For LG STATICPULSE™ ESD Control Tile, DO NOT APPLY ANY FINISH.

New Floor:

- Do not begin wet maintenance for at least 4 or 5 days after installation is complete.
- Damp mopping is allowed after 12 hours.

Regular Maintenance

Best Practice:

- Remove surface soil, dirt, sand and grit by vacuuming or dust mopping.
- Before selecting an Option, determine what the visual expectations are, e.g. Shiny, Medium, or Matte finish.

Option 1 - No Wax & No Buff Methods (Matte Finish)

- *Damp Mop:* Clean floor with a neutral pH detergent such as Johnson Diversey 'Stride', Taski 'R-50' or equivalent. Follow manufacturer's directions for mixing and using.

And/Or

- *Machine (Auto Scrubber):* If desired, scrub with a rotary scrubber using a 3M red type scrubbing pad or automatic scrubber with equivalent scrubbing pads or brushes.

Option 2 - Floor Finish (Shiny or Matte)

- Apply 2-3 coats of high quality floor finish such as Johnson Diversey's 'Carefree' or Taski's 'Vision Matte', or equivalent. Apply with a clean finish mop or finish applicator. Follow finish manufacturer's instructions.
- Allow each coat to dry completely before applying the next coat.

* Spray Buffing in lieu of Option 2 is acceptable and will leave a slight luster on the floor.

Consult LG Floors web site www.lgfloors-usa.com for complete maintenance instructions.

7) Warranty:

- LG Floors warrants its heterogeneous sheet, heterogeneous tile, homogeneous tile, ESD tile and welding rods to be free from manufacturing defects for five years from the date of purchase.
- LG Floors warrants its heterogeneous sheet, heterogeneous tile and homogeneous tile with a limited wear warranty.
- LG Floors warrants ESD Tile with a lifetime conductive warranty.
- Visit www.lgfloors-usa.com for LG Floors complete warranty, including limitations, exclusions and warranty qualification statements.

8) Workmanship:

- LG Floors does not warrant any installation workmanship. Please address all workmanship errors to the contractor who installed the floor.
- LG Floors recommends professional installation by contractors who have demonstrated expertise in installing resilient floors and have at least 5 years commercial project experience and references installing commercial resilient tile and sheet flooring.

9) Notes:

- Visit www.lgfloors-usa.com or call LG Floors Technical Support 1 888 543-5872, (LGFL-USA), for complete and current information:
 - Find detailed information on floor-prep and installation recommendations over concrete and other sub-floor types including wood, porous and non-porous surfaces.
 - Adhesive recommendations, including 2-part epoxy adhesives, ESD adhesives and others.
 - Review current maintenance recommendations.
 - See complete and current LG Floors written warranty.