

LIFESCAPES™ SOLID WOOD FLOORING

General Rules for Installation of LifeScapes Hardwood Flooring

- Expansion space must be allowed at all vertical obstructions, including walls, thresholds, pipes, cabinetry, or where flooring may meet stone, ceramic, or any flooring that will be level with the finished hardwood. Expansion space must be allowed regardless of season during which installation is taking place.
- LifeScapes solid strip or plank flooring should always have a minimum of 1/2" expansion at all edges.
- The flooring may be installed on or above grade.
- Grade level indicates the height of the subfloor in relationship to the soil level at the exterior of the structure.

NOTE: *Proper drainage is defined as grading that sheds water at least 6' from the structure.*

NAIL DOWN

LifeScapes flooring can be nailed to any structurally sound wooden subfloor, on or above grade only. If installing over a crawl space or an unheated basement, a vapor barrier (minimum 4 mil) must be installed. After the barrier is installed, nail the flooring according to the recommendations of the nailing machine manufacturer. Manual or air driven nails or staples may be used. Minimum length of fastener should be 1 1/2".

DIRECT GLUE DOWN

All LifeScapes products can be installed using direct glue methods. However, the proper, recommended adhesives will vary according to the product being installed, the grade level of the jobsite and the subfloor conditions. Use only recommended adhesive types for glue down installation. Always use the proper trowel. Always read and follow all recommendations of the adhesive manufacturer.

LifeScapes solid strip flooring may be glued directly to any structurally sound subfloor, on any grade level. Use only Wing Wood approved adhesives. Allow expansion space of 1/2" at all vertical obstructions.

SUBFLOORS

Before installation, all subfloors should be structurally sound, dry, clean and flat. Wood subfloors should be inspected to assure that subflooring material, both solid planks and plywood, is properly attached to the joists or other framing structure. Underlayment should always be fastened to the structure of the subfloor, using adhesive and nails or staples. If there are weak spots or squeaks, they should be corrected before installation begins. Concrete sub floors should be steel-reinforced slab construction, smooth finished and fully cured, regardless of grade level.

All subfloors must be dry before installation.

Wood: See your sales person for details.

Concrete: See your sales person for details.

All subfloors must be clean. If new construction, all construction debris should be removed, including drywall, texture and paint. Floors should then be broom clean. If installing direct glue flooring material, you must follow adhesive manufacturer's recommendations for removing contamination from the floor before proceeding with the installation.

If installing over existing flooring, the subfloor must be free of all contaminants such as wax or oils before using any direct glue methods. Read and follow adhesive manufacturer's recommendations for cleaning before installing new flooring.

All subfloors must be flat to within 3/16" in any 10-foot span. Use a string or a straight edge to check for high or low areas in the subfloor. High spots or ridges can be sanded, and low areas can be leveled using accepted cement-based products.

GENERAL MAINTENANCE

All floors should be kept free of dust and grit. Use a broom, untreated dust mop or canister vacuum (without powerhead) to remove dust and grit. Clean floors using an approved hardwood floor cleaner. Read and follow the cleaner manufacturer's instructions for cleaning. Use only cleaners that are specifically formulated for cleaning hardwood floors.

Do not flood floors. Do not use abrasive cleaning pads.

For difficult cleaning chores, use a small amount of mineral spirits on a clean cloth. Follow with wood flooring cleaner.

SPECIFIC INSTALLATION INSTRUCTIONS

Installation Instructions for LifeScapes flooring products may be installed using either Glue or Nail Down methods. Allow product to acclimate for a minimum of 72 hours. Moisture testing must be performed prior to install to assure the wood's moisture content is within 3% of the

subfloors moisture content. Heat or air conditioning should be operating. Cartons should be open during acclimation. Always allow 1/2" expansion space at all vertical obstruction.

DIRECT GLUE DOWN METHOD

LifeScapes Solid Strip flooring may be glued directly to any structurally sound subfloor on or above grade level. Use only LifeScapes approved adhesives. Read and follow adhesive manufacturer's instructions. Allow expansion space of 1/2" at all vertical obstructions.

NAIL DOWN METHOD

Be sure to use a nails and nail gun that is recommended for use with the thickness of the solid strip and planks of this type. A plastic vapor barrier should be installed over the wood sub floor before installation. Follow nail and nail gun manufacturer installation recommendations for nail spacing and placement. Wing Wood flooring can be nailed to any structurally sound wood substrate on or above grade level. If installing over a crawl space or unheated basement, a vapor barrier (minimum 4 mil) must be installed. After the barrier is installed, nail the flooring according to the recommendations of the nail gun manufacturer. Manual or air driven nail or staples may be used. Minimum length of fastener must be 1 1/2", spaced approximately 6" apart and within 3" of each end.

HARDWOOD WARRANTY

Limited Residential Warranty

LifeScapes extends the following warranty features to our customers. As you enjoy the beauty of your new LifeScapes natural hardwood floor, please remember that each piece is a product of nature. Each piece of LifeScapes natural hardwood flooring will be different from every other piece, and will carry the individual character of natural wood. No two pieces will be exactly the same.

This warranty is extended only to the original purchaser of the LifeScapes floor, for as long as you own your home. The warranty is not transferable.

Pre Installation Notice: If any defect is visible at the time of installation, it is the responsibility of the installer to NOT install that piece. Always allow 5% extra for cutting allowance.

LIMITED 25 YEAR WEAR LAYER WARRANTY

The wear layer finish carries a 25 year wear through warranty from the date of purchase when used in your residence. It is important to keep the floor free of dirt, dust and other abrasives that can cause excessive wear.

NOTE: This warranty does not apply to scratching or loss of gloss that can result to any urethane finished hardwood floor as a result of normal traffic.

LIMITED LIFETIME STRUCTURE WARRANTY

Your new floor is warranted for a lifetime against manufacturing defects, as long as you own your home. If the structure of your floor should fail due to manufacturing defects, LifeScapes will replace the defective product.

IF YOU HAVE A PROBLEM

In the unlikely event that you should have a claim, please contact your LifeScapes retailer no later than 30 days after the discovery of the defect. It is the responsibility of the purchaser or home owner to initiate any inspection of the flooring to determine the cause of the problem. Contract a certified independent inspector (www.NWFA.org). The inspector should submit a copy of the inspection report directly to your LifeScapes retailer for consideration. Note that while independent inspections are credible and usually reliable, the final decision rests solely with LifeScapes. Only NWFA inspectors or other certified inspectors approved in writing, in advance by LifeScapes or the retailer will be considered. If the problem is caused by a manufacturing defect, LifeScapes will repair or replace the damaged piece(s) according to accepted industry standards, at our option.

Please provide a proof of purchase with date for claims to be processed. LifeScapes reserves the right in all cases to make an inspection of the installation, and may require samples to be removed from the floor before processing a claim.

EXCLUSIONS

LifeScapes natural hardwood flooring is a product of nature. Naturally occurring variations and character are not considered manufacturing defects. Flooring pieces that are obviously damaged or otherwise unsuitable should not be installed. A 5% allowance for cutting is standard in the industry. Natural hardwood flooring is always susceptible to normal color change due to the sun's ultraviolet rays. Sun fade is not a manufacturing defect. Installation of drapes or ultraviolet resistant coatings on windows may be advisable in some cases. Damage due to water or moisture is not a manufacturing defect. We do not warrant any installation. Scratches, gouges or indentations are not factory defects. LifeScapes does not warrant any product that are sold as "bargain," "cabin" seconds or non-standard products. This warranty is the sole and complete statement of LifeScapes flooring, and is in place of all other warranties, expressed or implied. LifeScapes assumes no liability for incidental or consequential damages or injuries. Some states do not allow the exclusion of limitation for incidental or consequential damages. In these cases, these limitations may not apply to you. This warranty gives you specific legal rights, and you have other rights that vary by state. All legitimate claims will be settled by LifeScapes at the sole discretion of LifeScapes. Settlement may include repair, refinishing or replacement of affected flooring pieces.