



## gravity installation instructions

### ecofinishes product inspections:

- Inspection of all flooring materials for defects must be done before installation.
- Variations in color, tone and graining are to be expected in a natural wood floor.
- Materials with visible defects are not covered under warranties once they are installed.
- Wood failure resulting from or connected with sub-floor, subsurface, job site damage or deficiencies are responsibilities of the installers.
- Our wood floors are manufactured in accordance with accepted industry standards based on NWFA and NOFMA.

### subfloor preparation :

Please refer to the NOFMA or NWFA guidelines for details before installation.

- Check for moisture content using the appropriate testing method.
- A new concrete slab takes about 90 days to dry thoroughly depending on the size and weather conditions.
- Subfloor must be flat, dry, free from residues and structurally sound.
- A moisture barrier must be used if the subfloor moisture emissions are greater than 3 lbs per 1000sf or warranty is not valid. Calcium chloride testing is required to verify this.

### acclimation/general conditions:

- The flooring should be stored in the rooms in which it will be installed.
- Allow 3-7 days acclimation time for RH between 36-55% for engineered floors. Allow 8-15 days acclimation time for RH between 25-35% or 56-75%.
- Allow 7-14 days of acclimation time for Solid Wood Flooring depending on weather conditions. RH should be between 35-75%.
- Breaking the floor units into small lots and/or opening the packaging can facilitate acclimation.
- Acclimation of the flooring must be done in an area which the temperature and humidity are maintained at or near normal living conditions.

## installing gravity engineered flooring:

### 1. glue down installation instructions

- A moisture barrier must be used if the subfloor moisture emissions are greater than 3lbs per 1000sf on the calcium chloride testing.
- ecofinishes only recommends using a premium, brand name wood adhesive such as Bostiks Best or Henry or Mapei. If moisture or adhesion issues arise when these adhesives are used, contact ecofinishes directly to expedite your claim.
- Follow the instructions specified by the adhesive manufacturer. We require a third party NWFA certified written inspection report before reviewing any issues that arise when using a non-recommended adhesive supplier.
- Install a sacrificial row along the edge of the working line and begin installation. (Before finishing the installation, remove the sacrificial row and complete installation) or alternatively, lay one row of planks in the adhesive along the entire length of the working line. Add each additional row of flooring. Maintain proper pattern repeat; distribute lengths avoiding "h" patterns and end joints less than 6 inches in adjacent runs; if needed use tape or tensioners to maintain a tight floor.
- Expansion space should be left around the perimeter. Typical expansion is equal to the thickness of the product installed or 1/16" expansion for every 3.5' across width and 1/16" expansion for every 9.5' along length.

### 2. Nail or staple down installation instructions

- For 9/16" thick products use 1 1/2" length staple/cleat. Apply 3-5" of space between each staple/cleat.
- For 1/2" thick products use 1 3/8" length staple/cleat. Apply 3-5" of space between each staple/cleat.
- Require 3-4" of space between each nail for 9" or wider planks.
- Subfloor should be within acceptable moisture content before installation.
- Cover the subfloor with 15lb asphalt felt paper. This is used to help retard moisture from below.
- Select a starter wall. Measure out from this wall at each end, the overall width of the plank (board width + tongue + 1/4" for expansion).
- Snap a chalk line from these points, parallel to the wall.
- Install the first row of starter planks along the chalk line / straightedge and secure into position with the tongue facing away from the starter wall. Drill pilot holes through the face of the plank every 6".
- Expansion space should be left around the perimeter. Typical expansion is equal to the thickness of the product installed or 1/16" expansion for every 3.5' across width and 1/16" expansion for every 9.5' along length.