



## Installation Guidelines

### Subfloor:

- New slab needs a minimum of 90 days of drying time before installing subfloors or wood floors.
- Subfloors must be cleaned of all oils, waxes, dirt, existing adhesives or any other residue.
- Check moisture. Concrete calcium chloride test should be 3lbs per 1000 sq ft after 24hrs and no greater than 5% on a hand held moisture meter. Plywood should never exceed 12%.
- Plywood should be ¾" exterior grade. Upon installation leave ¼" gaps between each panel and walls to allow for expansion.
- There should never be more than a 4% moisture content difference between the subfloor and the finished flooring.
- Do not install flooring directly to light weight concrete.
- Do not install over vinyl/rubber tiles or sheeting. They must be removed, and the subfloor must be cleaned before installing.
- When installing directly to concrete (engineered or parquet only), you must apply a moisture barrier (Bostik's MVP recommended).

### Install:

- Acclimate flooring for minimum 5 days before installation.
- Flooring must be acclimated in permanent living conditions.
- Use a urethane-based adhesive only (Bostik's Best recommended).
- Use the glue manufacturer's recommendations for trowel size, coverage, and spread time.
- Be sure to spread glue evenly to insure proper and uniform bond.
- Clean up glue on exposed areas before it cures. Use manufacturer's recommended cleaner.
- Create a straight, starting work line. Exterior walls usually provide a suitable work line.
- Once a work line is established, lay the first row the entire length of the work line. Lay one row at a time to insure tight joints. Stagger joints to avoid creating a repeat pattern.
- Leave 3/8" gaps around perimeter to allow for expansion.
- Nail-down only use 15lb felt paper with a 6" overlap.
- Use a pneumatic power nailer or stapler, using 1 ½" – 2" nails. Insure nailer is adjusted to avoid damage to the tongue on the flooring.
- Covered areas should remain covered until installation is complete and glue is fully cured (see glue manufacturer's cure time).
- For warranty coverage, commercial food service applications require final finish coat applied on site, using Plantation's specified topcoating system.