



**DUCHÂTEAU**<sup>®</sup>  
FLOORS



**QUALITY ENGINEERED**  
**INSTALLATION INSTRUCTIONS**



# Quality Engineered Hardwood Floor Installation Instructions

## Sub-Floor Preparation:

- The sub-floor must be completely dry. A new concrete slab will usually take 90 to 150 days to dry thoroughly depending on size of slab and weather conditions. The moisture content difference should be no more than 4% between the engineered wood floor and concrete sub floor.
- If plywood is used as a sub-floor, the moisture content difference should be no more than 4% between engineered wood floor and plywood sub floor. Plywood size for sub-floor is suggested to be 3/4" x 48" x 48" and leave 1/4" between sheets for expansion.
- The sub floor must be free from any type of paint, oil, greases, dust and all other types of residues.
- The sub floor should be level. The level drop must be no more than 1/4" over a 10 feet distance.

## Glue-down installation guidelines for QUALITY ENGINEERED DuChateau® Floors: (Recommended method of Installation for both concrete and plywood sub floor)

- We recommend an acclimation period of 3 days for all our engineered hardwood flooring products.
- Test Sub-Floor before every installation. (Please follow Sub-Floor Preparation instruction listed above).
- Apply a moisture barrier to slab. Bostik's MVP moisture barrier is recommended.
- A Urethane based adhesive should be used exclusively. Bostik's Best glue is recommended.
- Read the glue manufacturer's instructions, which is always printed in details on the glue container to choose the correct size trowel.
- Create a working line parallel to the starting wall, in multiples of our engineered plank width, to set up the baseline of installation.
- Following the spread rate, curing time, spread the glue evenly on the sub-floor to cover the area the installer can lay the planks in time for best result of the glue.
- Lay one row of plank along the entire length of work line. Add each additional row of flooring, watching the pattern repeat and offsetting or staggering the joints at least 6 inches.
- A 1/2" expansion space should be left around the perimeter.
- Roll whole floor with a 150 lb. Roller within 3-6 hours after installation.
- Finished areas should be covered with a protective paper immediately after installation to prevent damage from installation process.

## Nail-Down installation guidelines for QUALITY ENGINEERED DuChateau® Floors: (ONLY FOR PLYWOOD SUB FLOOR)

- We recommend an acclimation period of 3 days for all our engineered hardwood flooring products.
- A 15 lb. felt paper moisture barrier should be applied to the plywood sub-floor with 6" overlaps before installing the new wood floor.
- Create a working line to the starting wall, in multiples of our solid plank width.
- Install the first row of wood with the groove side towards the wall using top nails as necessary to hold the first row firm and in place. Adjust as necessary.
- Use adjustable pneumatic power hammer or nailing machine with 1 1/2" – 2" nails as is required and make sure nailing foot is appropriate to the nails / staples used. To avoid damage to the tongue be sure to adjust for proper pressure on the compressor.
- Add and adjust each additional row of wood planks, offset or stagger the end joints at least 6" to prevent repeating the pattern.
- Finished areas should be covered with a protective paper immediately after installation to prevent damage from installation process.

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**Floating installation guidelines for QUALITY ENGINEERED DuChateau® Floors:**  
*(Only DuChateau Engineered floors may be floated)*

- We recommend an acclimation period of 3 days for all our engineered hardwood flooring products.
- Test Sub-Floor before every installation. (Please follow Sub-Floor Preparation instruction listed above).
- Apply a moisture barrier to slab. SLC EP21 moisture barrier is recommended.
- After the moisture barrier has cured and dried apply a floating floor poly-foam underlayment, please follow manufacturers installation instructions.
- Floating floors are probably one of the hardest installations to start as the boards want to move around on you in the starting area. It is imperative the first few rows be straight and gap free.
- Create a working line parallel to the starting wall, in multiples of our engineered plank width, to set up the baseline of installation.
- A bead of adhesive is should be applied all along the groove of each plank, Cal-Flor's EuroBond D3 Floating Floor Glue is recommended
- Lay one row of plank along the entire length of work line. Add each additional row of flooring, watching the pattern repeat and offsetting or staggering the joints at least 6 inches.
- A ½" expansion space should be left around the perimeter.
- Finished areas should be covered with a protective paper immediately after installation to prevent damage from installation process.

NOTE: *A floating floor installation method requires more cleanup as glue squeezes out of the tongue & groove when the boards are tapped into place. Measure the application along the groove carefully to avoid excess glue spillage. Excessive glue spillage will void the warranty of your DuChateau Floors. Immediate clean up is required, any glue not cleaned within minutes will leave stain marks not covered under the DuChateau Engineered Floors Warranty. Please refer to DuChateau Maintenance guidelines for cleaning and oil maintenance*

**After installation of you new Quality Engineered DuChateau® floor it is recommended that you clean your floors thoroughly using the DuChateau® Parquet Cleaner. It is also recommended to refresh your floor with DuChateau® Maintenance Oil to bring back the luster and beauty of your new floor.**