



General Installation Instructions – Regal Hardwoods Engineered Flooring

Prior to installation of Regal Hardwoods engineered flooring, the installer must determine that the jobsite environment and the sub-surfaces involved meet or exceed all applicable standards.

Regal Hardwoods declines any responsibility for job failure resulting from or associated with sub-surface, sub-flooring or jobsite environmental deficiencies.

The structure must be closed in with all outside doors and windows in place. All concrete, masonry, framing members, drywall and other "wet" work should be thoroughly dry.

Sub-floor may be a thoroughly dry* and level concrete slab, solid wood flooring or plywood. Tolerances for moisture and levelness can be determined by referring to the NWFA Hardwood Installation Guidelines outlined in Section V Appendix AA.

Prior to installation, the installer/owner has final inspection responsibility as to the grade, manufacture and factory finish. The installer must use reasonable selectivity and hold out or cut off pieces with deficiencies, whatever the cause. Should an entire individual piece be doubtful as to grade, manufacture or factory finish, the installer should not use the piece. If you determine that there is a quantity of more than 5% that shows defects in grading, manufacture or finish, please contact the seller immediately. Do not continue to install the flooring.

All Regal Hardwoods engineered floors can be installed using any of the following recommended methods. Please be advised that improper installation will void the warranty.

Floating – Floating floors can be installed over any type of subfloor because there is no need to directly attach the floor to the floor below. A protective pad is placed between the hardwood floor and the subfloor which protects the hardwood against moisture and reduces the transmission of sound to your neighbors as you walk along the floor. The floor boards are then joined together by means of a "click" system or an adhesive between the hardwood boards themselves.

Nail Down / Staple Down – Nail down and staple down floors are essentially the same thing in that the hardwood floor is affixed to the subfloor using a nail or staple fastener. Nails are used when the installed flooring is thick and where a staple won't penetrate the wood. Staples are used when the flooring is thinner and where a nail would blow right through the tongue.

Glue Down – With a glue-down floor, a mastic or adhesive is spread onto the subfloor to adhere the flooring to it. The adhesive used must be a Regal Hardwoods recommended adhesive for full warranty to be valid. Regal Hardwoods recommends the following engineered wood flooring adhesive brands: Bostik, Franklin, Mapei (A-PAC), and Stauf. Use Crain# 425 (1/4" x 1/4") v-notch trowel or equivalent to spread adhesive or follow the adhesive manufacturers' instructions on the trowel type to use.

*As defined by NWFA Hardwood Flooring Installation Guidelines Section V for moisture testing. Concrete moisture meter readings: Not to exceed 4.5% on Tramex Concrete Moisture Encounter meter. Calcium Chloride Test: Not to exceed 3lbs. per 1000 square feet in 24 hours. Moisture content of wood sub-floors should be between 6% - 10%.