



Arimar's Engineered Flooring Installation Instructions

Sub-Floor Preparations:

The sub-floor must be completely Dry

1. All concrete floors are to measure a maximum of 5% moisture or less on the Tramex concrete Encounter.
2. Per the NFWA's recommendations, the maximum allowable amount of moisture emissions as expressed by the calcium chloride test is 3.0 pound per 1,000 sq ft per 24 hours at the time of installation.
3. Another method to determine the presence of moisture in the slab is the use of moisture barriers securely to the concrete for a period of no less than 48 hours. No change should occur in the color of the concrete.
4. The concrete slab will usually take from 90 to 150 days to dry thoroughly depending on the size of the slab and weather conditions.
5. Do not install wood flooring if moisture levels exceed recommended levels.
6. The sub floor must be free from any type of paint, oil, greases, dusts, and all other types of residue.
7. The sub floor should be level in general; however, it must be level within $\frac{1}{4}$ " over a 10 foot radius, in any direction.
8. If plywood is use as a sub floor, the moisture content difference should be no more than a 3% difference between the engineered wood floor and the plywood. All ply wood must be exterior grade CDX and plywood size for the subfloor is suggested to be no larger than $\frac{3}{4}$ " by 48" X 38" and an expansion gap of no less than $\frac{1}{4}$ " between sheets and installed in an alternative pattern not straight rows.

9. A suggested moisture barriers is a layer of floor tar adhesive. 15# felt, and then another layer of floor tar adhesive.

Engineered Products:

Glued down Installation

1. Pre-inspect your floor to verify the proper product and color is being installed per manufacturer's standards. Always plan for 10% defect and/or waste.
2. Verify that the delivered wood flooring is between 8% to 10% moisture content and is free of defects.
3. **Acclimation Instructions:** The "acclimation period" is the time which the hardwood floor is left in the environment in which it is going to be used. This acclimation period can vary greatly depending on the starting moisture content of the wood, the species and size of the planks. The greater the mass the longer it may take to acclimate; wider material will take longer than narrower material and factory finished wood will take longer to acclimate than unfinished wood.

To properly acclimate the wood flooring to the interior conditions of the building, the flooring needs to be removed from its boxes and cross stacked to allow airflow around the planks.

The installer must document the moisture content of the flooring or the sub-floor before beginning the work. The planks need to be acclimated to within 2% - 3% difference from the subfloor as per NFWA guidelines for plank flooring. Once the flooring has reached the EMC, equilibrium moisture content) required, the floor is ready for installation. It is the responsibility of the professional installer to insure that the wood has been properly acclimate and bring to the attention of their client any abnormalities or an

possible issue that may occur during or after
instillation.

4. Concrete slab should be tested per the instructions in the sub-floor preparation instructions
5. A moisture barrier sealer must be added to the concrete.
6. Arimar's engineered floors should be installed with urethane based adhesives.
7. Read the glue manufacturer's instructions, which is printed in the detail on the glue container along with the proper trowel recommendations.
8. Snap a working line parallel to the starting wall, in multiples of our engineered plank width, plus an expansion space of $\frac{3}{4}$ " to set up the baseline of installation. Be careful to assure you do not end up with a width of less than 2 inches at the final opposing wall. If so, adjust by ripping down the length of the first row.
9. Following the spread rate, and the curing time, spread the glue evenly on the subfloor to cover the area the installer can lay the planks in proper time for the best results of the glue.
10. Lay one row along the entire length of the work line. Add each additional row of flooring, watching the pattern repeat and offsetting or staggering the joints at least 6".
11. Roll the floor with 150" roller after installation.

**Failure to follow these Instructions will immediately
invalidate our Warranty**

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