

Maison Plank Engineered Hardwood Flooring Specifications

Maison Plank's engineered hardwood flooring specifications detail our product's distinct attributes and general site and installation requirements. The installation contractor is responsible for evaluating unique job conditions and adjusting these guidelines as necessary. Additionally, the contractor must determine the proper ancillary products—such as underlayments—and ensure they meet project-specific standards.

In all cases, site conditions, material acclimation, and installation protocols should adhere to the best practices established by the National Wood Flooring Association (NWFA).

GENERAL INFORMATION

Installer Qualification

Maison Plank's engineered hardwood flooring installations require experienced professionals with a proven track record. Contractors should have a demonstrated history of successful in-service performance.

Delivery, Storage, and Handling

To maintain product integrity, the following guidelines must be observed:

- Flooring is delivered in moisture-protective wrapping.
- Products are packed in forklift-accessible crates, boxed, and banded in durable cardboard, with each box covering approximately 25 square feet on 4x4 pallets.
- Flooring must be shielded from moisture exposure. Deliveries should only occur once all wet work (concrete, plaster, tile, etc.) is complete and the environment has stabilized within normal living conditions.
- Prior to installation, flooring should be acclimated in a controlled environment—replicating near live-in conditions—for 48 hours, with the exact duration determined by the installer.

Project Conditions

For optimal installation performance, ensure that:

- The HVAC system is operational and maintains temperatures between 60-80°F (16-27°C) and a relative humidity of 30-55% for at least 14 days prior to acclimation.
- The building envelope is fully sealed and weather-tight, with all primary painting completed except for any final trim details that might interfere with installation.
- All moisture-generating work (e.g., concrete, plaster, tile) has been finalized, ensuring the environment is within standard living conditions.
- Exterior grading directs water away from the structure, and any necessary downspouts and gutters are installed to mitigate moisture risks.

Subfloor Requirements

- The subfloor must be flat and level to within 3/16" over a 10-foot span. Verify that any

underlayment requirements are met as per the installer's recommendations.

For concrete substrates:

- Verify and document substrate dryness using appropriate testing methods (e.g., Relative Humidity testing per ASTM F2170 should not exceed 75%; Calcium Chloride testing per ASTM F1869 should not exceed 3 lbs per 1000 square feet over 24 hours).

For wood subfloors:

- Moisture content should not exceed 12% and must be within 2% of the flooring's moisture content, measured using a reliable pin-type resistance meter.

Attic Stock

- It is recommended to order an additional 10% above the actual coverage square footage to account for waste and cutting needs.
- For future repairs or unexpected issues, an extra 5% is advised to maintain adequate attic stock.

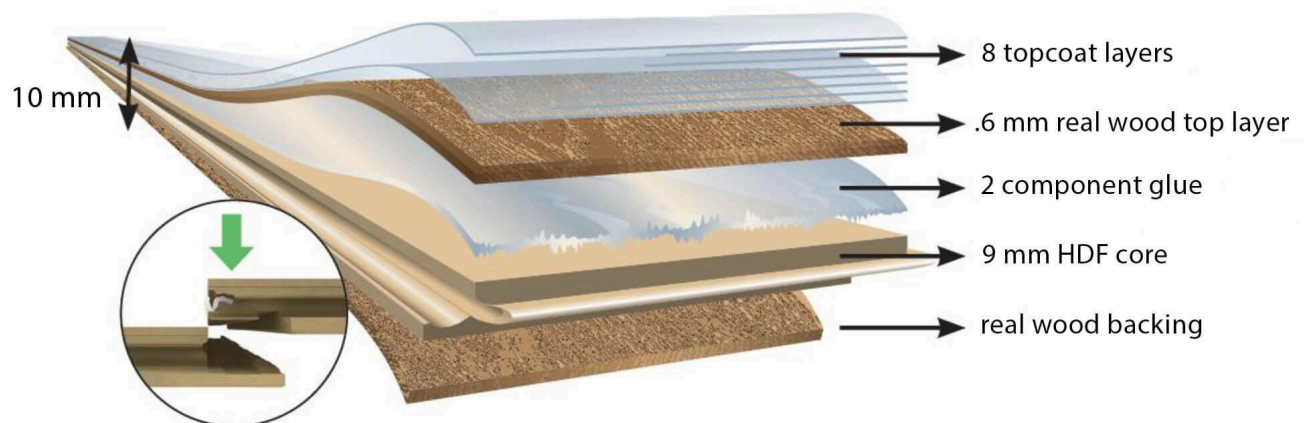
PRODUCT SPECIFICATIONS

Manufacturing & Distribution

Maison Plank European Engineered Hardwood Flooring is exclusively designed, manufactured, and distributed by Haute Plank, Inc. Our products are unique to our brand with no third-party sources or substitutes associated with our offering.

Composition

Maison Plank engineered hardwood flooring is constructed with precision and quality in mind:



Construction Details

- **Top Layer:** Real European oak veneer (~0.6 mm thick)
- **Surface Texture:** Brushed

- **Finish:** Super Matte (3% sheen $\pm 1\%$)
 - **Core Material:** High-Density Fiberboard (HDF)
 - **Bevel:** 4-sided (maxi bevel on long edges, mini bevel on short ends)
 - **Backing:** Real wood layer for stability
 - **Board Thickness:** 3/8 in (10 mm)
 - **Board Dimensions:**
 - Length: 80-3/4 in (2050 mm)
 - Width: 9-1/8 in (233 mm)
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Installation & Weight

- **Connection System:** Precision click-lock mechanism
 - **Installation Method:** Floating (no glue or nails required)
 - **Approved for Radiant Heating & Cooling Systems** (see installation instructions)
 - **Density:** ~53 lbs/ft³ (850 kg/m³)
 - **Weight per Sq. Ft.:** Approx. 2.9 lbs
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Application Rating

- **Class 23:** Suitable for heavy residential traffic (e.g., kitchens, hallways, family rooms)
 - **Class 33:** Suitable for heavy commercial traffic (e.g., retail spaces, offices, hospitality)
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Packaging Information

- **Per Box:**
 - 5 boards
 - 25.7 sq. ft. coverage
 - Gross weight: 46.5 lbs
- **Per Pallet:**

- 44 boxes
 - 713.1 sq. ft. coverage
 - Gross weight: 2,088 lbs
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Performance & Certifications

- **Residential Warranty:** Limited lifetime
 - **Commercial Warranty:** 10 years
 - **Fire Resistance:** Classified Cfl-s1 (European standard; consult local building code for U.S. equivalence)
 - **Formaldehyde Emissions:** E1 compliant
 - **Sustainability Certifications:**
 - PEFC Certified
 - FSC® available upon request
 - **Indoor Air Quality:**
 - Compliant with international VOC and emissions standards
 - Independently tested for indoor air safety
 - **Thermal Resistance:** 0.073 m²K/W
 - **Thermal Conductivity:** 0.14 W/mK
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Product Options

- **Standard Colors:** 12 pre-selected finishes available
 - **Grading:** Light Rustic
 - **Custom Colors:** Additional options available upon request for orders over 10,000 sq. ft.
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Care & Maintenance

- Clean regularly using a pH-neutral hardwood floor cleaner
- Avoid excess water and do not use steam cleaning tools