

Introduction

Read all instructions and warranty details before installation. Installation confirms that the requirements are met and that the McMillan Limited Warranty is accepted.

McMillan engineered hardwood flooring is a natural product manufactured to industry standards allowing up to 5% defect tolerance. Inspect 2–3 cartons upon delivery against your sample; do not proceed with installation if discrepancies exist—notify your retailer immediately. Use reasonable selectivity to cut out defects; minor touch-ups with stain, filler, or putty are normal. McMillan is not responsible for claims due to lack of on-site inspection or installation of visible defects.

CAUTION: WOOD DUST – Classified as a nasal carcinogen by IARC. Use dust collection equipment and NIOSH-approved masks. Avoid eye/skin contact; flush with water if irritated and seek medical attention for severe cases.

Adhesive/masking tape applied directly to the floor surface may damage the factory finish and void warranty. Do not use oil-based wax, oil soap, mineral oil, polish, or household cleaners on oil-finished floors.

Approved Installation method

McMillan engineered hardwood is approved for glue-down (using specified adhesives), floating, or nail-down (glue-assist for planks over 7.5" wide) on, above, or below grade. Not warranted over radiant heat. Installations in high-moisture areas like bathrooms, laundry rooms, or kitchens are excluded from warranty.

Approved Adhesives (moisture-cured MS Polymer only): DriTac 7800, Mapei 985, Bostik Green Force. Use of non-approved adhesives may cause failure and voids warranty.



Jobsite & Environmental Requirements

Resolve all moisture issues before delivery. Install flooring last after wet work (painting, drywall, concrete, plumbing). Ensure doors/windows are installed, gutters/downspouts direct water away from foundation, and permanent HVAC operates 5+ days prior.

Maintain consistent room temperature of 60–80°F and relative humidity (RH) of 30–50% before, during, and after installation. Failure to do so may cause damage not covered by warranty.

Acclimation

Store unopened cartons flat and dry in the installation area for a minimum of 72 hours (up to 1 week for wider boards or 5 mm wear layers) at 60–80°F and 30–50% RH. Do not open cartons until installation day. Never deliver to unfinished sites.

Subfloor Requirements

Subfloors must be clean, dry, flat (max 1/8" variation in 6' or 3/16" in 10'), and structurally sound per local codes. Remove dirt, sealers, paint, wax, or grease. Secure loose areas; install perpendicular to joists when possible.

Acceptable Types:

- CDX plywood (min 5/8" on ≤16" centers; thicker per joist spacing).
- OSB/particleboard (structurally sound; floating only).
- Concrete (min 3000 PSI, cured 60+ days, 6-mil poly vapor barrier under slab).



Installation Instructions

ENGINEERED HARDWOOD

McMillan

Subfloor requirements (cont.)

Moisture Testing (perform ≥ 3 tests/1000 sq ft):

Subfloor Type	Test Method	Max Acceptable
Concrete	Calcium Chloride	3 lbs/1000 sq ft (reject >6 lbs)
Concrete	Tramex Meter	4.5 upper scale
Concrete	RH Probe	75%
Wood	Pin Meter	$\leq 12\%$ MC; flooring within 4% of subfloor

For basements/crawl spaces: Dry conditions required; cover 100% crawl space ground with 6-mil black poly, 18" min ground-to-joist clearance, 1.5% vent area. Lightweight concrete (scratches to powder): Floating only. Level with 3000 PSI Portland-cement compound; allow full cure.

Warranties do not cover subfloor-related failures.



Installation Guides

Work from 4–6 open cartons at once in good lighting; blend for uniform color. Dry-lay first to check pattern/defects.

Leave expansion space equal to flooring thickness (min 1/2" for floating/commercial; use spacers).

Protection During Construction

Cover with clean, dry, uncoated cardboard or heavy bond paper only. Avoid plastic, red rosin, felt, wax paper, or used cardboard (traps moisture/stains). Vacuum before covering; no wet cleaning (pasty residue damages finish). Overlap seams 4"; tape only to covering, secure at walls/baseboards.

Floor Care

UV Lacquer or Water-Based Lacquer:

- Use pH-neutral wood floor cleaner only (no oil soaps, waxes, or oil refreshers).
- Damp microfiber mop; avoid excess water.
- No steam cleaners.
- Touch-up scuffs with manufacturer-approved lacquer repair kit if needed.
- All Finishes: No oil-based wax, oil soap, mineral oil, polish, or household cleaners.
- Maintain 60–80°F, 30–50% RH year-round.

