Birch Wide Plank Flooring

Betula alleghaniensis · Solid & Engineered · Custom milled in Brattleboro, Vermont

> Fine, primarily straight grain with soft cream-to-reddish-brown tones and a subtle, satiny figure.

DIMENSIONS & CONSTRUCTION

	SOLID	ENGINEERED
Thickness	3/4" (19 mm)	3/4" (19 mm)
Widths	4" to 12"	4" to 12"
Lengths	Up to 12 ft	Up to 12 ft
Construction	Solid birch, single piece	Approx. 5.2 mm sawn-face birch wear layer on 15 mm cabinet-grade birch plywood, 11 cross-banded plies (1.5 mm), void-free, unless otherwise noted
Lamination	N/A	Formaldehyde-free hot-melt adhesive, applied at 295°F, pressed at 1,000 psi
Installation	Adhesive required per NWFA: nail/staple with glue assist (4–8″ widths) or full-spread glue with nail assist (9″+) · Wood subfloor, above grade · Radiant heat compatible	Over wood: same as solid · Direct to concrete: full-spread glue, no fasteners · Suitable below grade · Radiant heat compatible
Recommended adhesives	WAKOL MS 262 (glue assist) · WAKOL MS 260 (full spread with nail assist) · WAKOL MS 290 (engineered direct to slab) · WAKOL PU 280 roll-on moisture barrier where applicable · or similar	

SPECIES PROPERTIES

Species	Birch
Botanical name	Betula alleghaniensis
Janka hardness	1260 lbf
Dimensional stability	Fair; acclimate and maintain stable humidity
Cuts available	Plain sawn
Moisture content	Kiln-dried to 6–9% MC

GRADES

Select
Golden sapwood and rich brown heartwood tones in a clean, consistent finish.

Character
More color variation, knots, and natural markings.

PROFILE & FINISH

Profile	Tongue & groove
Edge	Square edge standard; micro-bevel optional (Finish Ready / Prefinished)
Tolerances	Milling tolerance 3/1000″ (0.003″)
Finish options	Unfinished · Finish Ready (pre-sanded, knots filled, optional micro-bevel) · Prefinished in-house
Refinishing	Solid & Engineered: refinish multiple times depending on initial finish and sanding method
Pricing	$11–$20 / sq ft unfinished

ENVIRONMENTAL & COMPLIANCE

- ENGINEERED **Low-emitting: tested by Materials Analytical Services (MAS), an ISO/IEC 17025 accredited lab, and compliant with California Department of Public Health (CDPH) Standard Method v1.2-2017 (California Section 01350) — MAS Project No. 2500447**
- ENGINEERED Contributes toward LEED v4.1 and LEED v5 Low-Emitting Materials credits
- FSC® certified material available on request (FSC-C171175)
- Newly sawn wood sourced from sustainably managed forests in the Northeast
- Manufactured in Brattleboro, Vermont in a 100% solar-powered facility
- ENGINEERED Supplemental formaldehyde test (2020): below limit of quantitation (<0.008 ppm) per ASTM D6007-14, Capital Testing — CARB Phase 2 compliant

CARE & ENVIRONMENT

- Maintain 35–55% relative humidity (required by warranty)
- Condition the project site to normal living conditions before delivery and installation: HVAC running, with temperature and humidity stable, per NWFA guidelines.
- Inspect before installation; report defects within 10 days of delivery.

WARRANTY

Lifetime structural warranty (milling, dimension, assembly, grade; delamination on engineered) for original purchaser. See full warranty.

Wood is a natural material; color, grain, and character vary between boards and lots. Values shown are typical and for specification guidance only. Janka values are typical published figures for the species, not results of product testing.