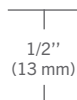


TUFFWOOD

Technical Specifications

Engineered 1/2" x 7 1/2" platform



Product Technical Specifications

Nature of material	Top layer: Hardwood, 4 mm thick Base: Plywood
Dimensions	Thickness: 1/2" (13 mm) Width: 7 1/2" (190 mm) Lengths: Random, from 20" to 86" (508 mm to 2 184 mm) May occasionally include a few planks of an inferior length
Profiling	Micro v-joint on 4 sides
Moisture content	Between 6% and 9%
Species and Janka hardness (lb)	Red Oak (1 290)
Available grade	Select & Better
Colors	Refer to the TuffWood Color Selection
Manufacturing	Manufactured, stained and finished in Canada by Mercier Wood Flooring

Finish and Warranties



livUP Finish

Finish composed of plant-based oil and microfragmented aluminum particles (AL₂O₃) in suspension in a UV-cured polyurethane resin.

Available gloss: Matte (10°)

Warranties

- 50 years for normal residential use
- 10 years for light commercial use
- 3 years for commercial use with direct outdoor access
- Structural lifetime warranty

Non-yellowing: The non-yellowing formula in the finish reduces the natural wood board yellowing process.

Antimicrobial: The antimicrobial contained in the finish helps reduce the risk of spreading bacteria and mildew. Completely non-toxic, this special treatment adds an additional level of protection for healthier floors.

Packaging	Number of boxes	Content	Width	Length	Height	Weight
Box		37.5 sq. ft. (3.5 m ²)	8 1/8"	88"	4 3/4"	71 lb (32 kg)
Pallet	35	1312.5 sq. ft. (122 m ²)	41"	88"	38"	2 480 to 2 560 lb (1 125 kg to 1 161 kg)

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Installation

Types of installation	Nailed, Glued, Stapled or Floating
Relative humidity	Between 30% and 65%
Subfloor	<ul style="list-style-type: none"> • OSB or 3/4" (19 mm) plywood Joists spaced no more than 19" (48 cm) C-C • 5/8" (16 mm) plywood Joists spaced no more than 16" (41 cm) C-C • Concrete slab
Installation sites	Basement, first floor and upper floors
Radiant heated floor	Yes. Refer to the Technical bulletin #5 for more details.

VOC / Formaldehyde

VOC-free and formaldehyde-free finish: ASTM D-5116

Greenguard Gold certification: Applies to all species, widths and colors.

Phtalate-free finish: OSHA method 104

TSCA Title VI compliant & CANFER compliant

Maximum Greenguard Gold emission criteria

TVOC	≤ 0.22 mg/m ³
Formaldehyde	≤ 0.0073 ppm
Total Aldehydes	≤ 0.043 ppm
I VOCs	≤ 1/100 TLV and 1/2 chronic REL

Applicable standards

Surface burning ASTM-E-84	Class C (varies according to the wood species) Flame Spread Index: 100 to 150 Smoke Development: 75 to 400 according to the wood species
Surface burning CAN/ ULC-S102.2	Flame Spread Index (FSR): 130 Smoke Development (SDC): 255
Abrasion resistant finish (Taber test)	livUP finish: ASTM D4060: 2 500 cycles
Static friction coefficient ASTM D2394	livUP finish: Matte: 0.56

Certifications



CONTRIBUTION
TO THE CERTIFICATION
LEED®

The information in this document was accurate at the time of publication. Mercier Wood Flooring reserves the right to change the products or products characteristics at any time without notice.