

## General Specifications

# Engineered Hardwood Floor



### Construction

Widths	3 1/8" (79.4 mm) - 4 1/8" (104.8 mm)
Thickness	3/4" (19 mm)
Lengths	Multi-Lengths - Min. 18", Max. 76" (Min. 457 mm, Max. 1,930 mm)
Edges	Micro-V on all 4 sides
Relative Humidity	30% - 80%
Origin and Manufacturing	Harvested, designed and manufactured in Canada (Quebec)

### Products

Species	Hard Maple, Red Oak
Grades	<p><b>Select &amp; Better:</b> Very uniform looking surface with subtle color variation. Minimal presence of small sound knots of less than 1/8" (3 mm), open knots of less than 1/32" (1 mm) and mineral streaks. No splits or checks.</p> <p><b>Variation:</b> Natural looking surface with moderate to pronounced variation of light and darker colors. Moderate presence of small sound knots, open knots of less than 1/8" (3 mm), filled knots of less than 1" (25.4 mm) and mineral streaks of all dimensions. Limited presence of fine splits and checks.</p> <p><b>Character:</b> Typical natural looking surface with pronounced variation of light and darker colors. Moderate to high presence of sound knots of all sizes, open knots of less than 5/64" (2 mm), filled knots and mineral streaks of all dimensions. Moderate presence of filled splits and checks.</p>
Textures and Gloss Levels	Smooth or Wire Brushed - Matte (20%) or Ultra-Matte (10%)
Colors	Refer to the website

### Finish

Aluminum Oxide Finish	Polyurethane base with aluminum oxide additives for superior durability. Factory applied using a high performance finishing system with UV curing.
Static Friction Coefficient ASTM D-2394-99	Slippery resistance coefficient more than 0.5

### Product Standards

Formaldehyde Emission ASTM D6007-14	Below limit of quantitation of 0.008 ppm
VOC Total ASTM-D-6670-01	0.003 ppm (depends on wood species)
Surface Burning ASTM-E84	Classe 3 or C
R Value	R 0.44 to 0.51 (depends on wood species)
Critical Radiant Flux ASTM-E-648-94a	0.25 - 0.40 watt/cm <sup>2</sup> (depends on wood species)

### Installation, Warranties & Accessories

Installation	Stapled or Glued* <b>Level:</b> On, above and below grade <b>Subfloor:</b> Plywood, 3/4" OSB subfloor
Radiant Heat	Compatible
Warranties	<b>Structural:</b> Lifetime <b>Finish Wear-Through:</b> 35 years (Residential)
Available Moldings	<b>Round Stair Nosing:</b> 92" L x 4" W x 3/4" H (2,336 mm L x 101.6 mm W x 19 mm H) <b>Reducer:</b> 84" L x 2 1/4" W x 3/4" H (2,133 mm L x 57 mm W x 19 mm H)

### Certifications

**Leed:** Qualifies for LEED credits projects    **CARB 93120 Phase II:** Compliant    **Lacey Act:** Compliant

### Packaging

	<b>3 1/8" (82.5 mm)</b>	<b>4 1/4" (108 mm)</b>
Coverage Per Box	20 ft <sup>2</sup> (1.86 m <sup>2</sup> )	17.6 ft <sup>2</sup> (1.64 m <sup>2</sup> )
Box Length	82" (2,082.8 mm)	87" (2,209.8 mm)
Box Weight	45 lbs	45 lbs
Boxes/Sq.Ft Per Pallet	52 / 1,040 ft <sup>2</sup> (96.62 m <sup>2</sup> )	52 / 915.2 ft <sup>2</sup> (95.02 m <sup>2</sup> )
Pallet Dimensions	~82" L x ~45" W x ~55" H (~2,082.8 mm L x ~1,143 mm W x ~1,397 mm H)	~87" L x ~45" W x ~55" H (~2,209.8 mm L x ~1,143 mm W x ~1,397 mm H)

### Relative Species Hardness

NWFA Janka Hardness Test (ASTM-D-143)	Red Oak: 1,290 lbs - average hardness    Hard Maple: 1,450 lbs - 12% harder
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Red Oak 1,290 lbs\* - 100%  
\*lbs = Applied force in pounds

Information contained in this specification data sheet is generic.  
Please refer to the website for more product details.

\*The use of straps and clamps is highly recommended to avoid gaps between boards.