

## Engineered 3/4" x 8 1/8" platform



### Product Technical Specifications

<b>Nature of material</b>	Top layer: Hardwood, 4 mm thick Base: Plywood
<b>Dimensions</b>	Thickness: 3/4" (19 mm) Width: 8 1/8" (206 mm) Lengths: Random, from 20" to 86" (508 mm to 2 184 mm) May occasionally include 12" (305 mm) boards
<b>Profiling</b>	Micro v-joint on 4 sides
<b>Moisture content</b>	Between 6% and 9%
<b>Species and Janka hardness (lb)</b>	White Oak (1 360), Red Oak (1 290), Hard Maple (1 450)
<b>Available grade</b>	Authentic
<b>Colors</b>	Refer to the current Mercier Product Chart
<b>Accessories</b>	T-Moldings, Quarter Rounds, Thresholds, Reducers and Stair nosings, according to the wood species Touch-up kits, Maintenance kit
<b>Manufacturing</b>	Manufactured, stained and finished in Canada by Mercier Wood Flooring

### Finishes and Warranties



#### Mercier Generations+ Finish

Acrylate polymer-based finish consisting of plant-based oil and UV-cured polymer and reinforced with suspended aluminum oxide particles.

**Available glosses:** Satin (30°), Matte and Matte-brushed (10°), according to the wood species.

#### Warranties

35 years for normal residential use  
5 years for light commercial use  
Structural lifetime warranty



#### Generations Intact 2500 Finish

Finish composed of plant-based oil and microfragmented aluminum particles (AL<sub>2</sub>O<sub>3</sub>) in suspension in a UV-cured polyurethane resin.

**Available gloss:** Intact (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 finishes reduces the natural wood board yellowing process.

**Antimicrobial:** The antimicrobial contained in our finishes 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		18 sq. ft. (1,7 m <sup>2</sup> )	8 1/2"	88"	3 1/4"	53 lb (24 kg)
Pallet	50	900 sq. ft. (83,6 m <sup>2</sup> )	44"	88"	36"	2 300 to 2 500 lb (1 043 to 1 134 kg)

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### Installation

<b>Types of installation</b>	Nailed, Stapled, Glued or Floating
<b>Relative humidity</b>	Between 35% and 55%
<b>Subfloor</b>	<ul style="list-style-type: none"> <li>• OSB or 3/4" (19 mm) plywood Joists spaced no more than 19" (48,3 cm) C-C</li> <li>• 5/8" (16 mm) plywood Joists spaced no more than 16" (40,6 cm) C-C</li> <li>• Concrete slab</li> </ul>
<b>Installation sites</b>	Basement, first floor and upper floors
<b>Radiant heated floor</b>	Yes. Refer to the Technical bulletin #5 for more details.

### VOC / Formaldehyde

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

**Maximum Greenguard Gold emission criteria**

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

TVOC	≤ 0,22 mg/m <sup>3</sup>
Formaldehyde	≤ 0,0073 ppm
Total Aldehydes	≤ 0,043 ppm
I VOCs	≤ 1/100 TLV and 1/2 chronic REL

**Phtalate-free finish:** OSHA method 104

TSCA Title VI compliant & CANFER compliant

### Applicable standards

<b>Surface burning ASTM-E-84</b>	Class C (varies according to the wood species) Flame Spread Index: 100 to 150 Smoke Development: 75 to 400 according to the wood species
<b>Surface burning CAN/ ULC-S102.2</b>	Flame Spread Index (FSR): 130 Smoke Development (SDC): 255
<b>Abrasion resistant finish (Taber test)</b>	<b>Mercier Generations+ finish:</b> Nema LD3: 1 000 cycles <b>Generations Intact 2500 finish:</b> Nema LD3: 2 500 cycles
<b>Static friction coefficient ASTM D2394</b>	<b>Mercier Generations+ finish (according to the gloss)</b> Satin: 0,57   Matte and Matte-brushed: 0,68 <b>Generations Intact 2500 finish</b> Intact: 0,56

### Certifications



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.