

### Engineered 3/4" x 7 1/2" platform



#### Product Technical Specifications

<b>Nature of material</b>	Top layer: Hardwood, nominal 3 mm thick Base: Plywood
<b>Dimensions</b>	Thickness: 3/4" (19 mm) Width: 7 1/2" (190 mm) Lengths: Random, from 23" to 75" (584,2 mm to 1 900 mm)
<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)
<b>Available grades</b>	Distinction and Authentic
<b>Colors</b>	Orion, Nova, Celeste, Starlight, Lyra, Equinox, Solaris, Aurora
<b>Accessories</b>	Reducers and Stair nosings Touch-up kits, Maintenance kit
<b>Manufacturing</b>	Designed, stained and finished in Canada by Mercier Wood Flooring (imported platform)

#### Finish 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 gloss:** Matte-brushed (10°)

##### Warranties

35 years for normal residential use  
5 years for light commercial use  
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		23,44 sq. ft.	8 1/4"	79"	5"	59 lb
Pallet	35	820,4 sq. ft.	42"	79"	38"	2 000 to 2 100 lb

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### Installation

<b>Types of installation</b>	Stapled, Nailed, 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>Static friction coefficient ASTM D2394</b>	<b>Mercier Generations finish:</b> Matte-brushed: 0,68

### 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.