

## PRO Collection | Engineered 1/2" x 5" platform



### Product Technical Specifications

<b>Nature of material</b>	Top layer: Hardwood, 4 mm thick Base: Plywood
<b>Dimensions</b>	Thickness: 1/2" (13 mm) Width: 5" (127 mm) Lengths: Random, from 12" to 83" (305 mm to 2 108 mm) May occasionally include a few planks of an inferior length
<b>Profiling</b>	Micro v-joint on 4 sides
<b>Moisture content</b>	Between 6% and 9%
<b>Species and Janka hardness (lb)</b>	Red Oak (1 290), Hard Maple (1 450)
<b>Available grade</b>	PRO
<b>Colors</b>	Refer to the PRO Collection section of 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

### Finish and Warranties



#### liv Finish

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

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

#### Warranties

20 years for normal residential 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
<b>Box</b>		33 sq. ft. (3.1 m <sup>2</sup> )	10"	87"	3 1/4"	62 lb (28 kg)
<b>Pallet</b>	40	1 320 sq. ft. (123 m <sup>2</sup> )	42"	87"	36"	2 700 to 3 000 lb (1 225 to 1 361 kg)

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### Installation

<b>Types of installation</b>	Nailed, Glued, Stapled or Floating
<b>Relative humidity</b>	Between 30% and 65%
<b>Subfloor</b>	<ul style="list-style-type: none"> <li>• OSB or 3/4" (19 mm) plywood Joists spaced no more than 19" (48 cm) C-C</li> <li>• 5/8" (16 mm) plywood Joists spaced no more than 16" (41 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

**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 <sup>3</sup>
Formaldehyde	≤ 0.0073 ppm
Total Aldehydes	≤ 0.043 ppm
I VOCs	≤ 1/100 TLV and 1/2 chronic REL

### 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>liv finish:</b> ASTM D4060: 1 000 cycles
<b>Static friction coefficient ASTM D2394</b>	<b>liv finish (according to the gloss)</b> PRO (Satin): 0.57   PRO-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.