

### PRO Collection | Solid 3/4" x 4 1/4" platform



#### Product Technical Specifications

<b>Nature of material</b>	100% Hardwood
<b>Dimensions</b>	Thickness: 3/4" (19 mm) Width: 4 1/4" (83 mm) Lengths: Random, from 12" to 84" (305 mm to 2 134 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>	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, Stair nosings, Vents Touch-up kits, Maintenance kit

#### Finish and Warranties



##### Mercier Generations Finish

Acrylate polymer-based finish consisting of plant-based oil and UV-cured polyurethane 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
Box		19 sq. ft. (1,8 m <sup>2</sup> )	9 1/4"	84"	3 1/4"	55 lb (25 kg)
Pallet	40	760 sq. ft. (70,6 m <sup>2</sup> )	38"	84"	36"	2 200 to 2 500 lb (998 to 1 134 kg)

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### Installation

<b>Types of installation</b>	Nailed or Stapled
<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> </ul>
<b>Installation sites</b>	First floor and upper floors
<b>Radiant heated floor</b>	No. 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

#### Maximum Greenguard Gold emission criteria

TVOC	≤ 0,22 mg/m <sup>3</sup>
Formaldehyde	≤ 0,0073 ppm
Total Aldehydes	≤ 0,043 ppm
IVOCs	≤ 1/100 TLV and ½ 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>Mercier Generations finish:</b> Nema LD3: 1 000 cycles
<b>Static friction coefficient ASTM D2394</b>	<b>Mercier Generations finish</b> PRO: 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.