

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



Product Technical Specifications

Nature of material	Top layer: Hardwood, 4 mm thick Base: Plywood
Dimensions	Thickness: 1/2" (12,7 mm) Width: 5" (127 mm) Lengths: Random, from 12" to 83" (305 mm to 2 108 mm)
Profiling	Micro v-joint on 4 sides
Moisture content	Between 6% and 9%
Species and Janka hardness (lb)	Red Oak (1 290), Hard Maple (1 450)
Available grade	PRO
Colors	Refer to the PRO Collection section of the current Mercier Product Chart
Accessories	T-Moldings, Quarter Rounds, Thresholds, Reducers and Stair nosings, according to the wood species Touch-up kits, Maintenance kit
Manufacturing	Manufactured 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: 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		33 sq. ft. (3,1 m ²)	10"	87"	3 ¼"	62 lb (28 kg)
Pallet	40	1 320 sq. ft. (123 m ²)	42"	87"	36"	2 700 to 3 000 lb (1 225 to 1 361 kg)

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Installation

Types of installation	Nailed, Glued, Stapled or Floating
Relative humidity	Between 30% and 65%
Subfloor	<ul style="list-style-type: none"> • OSB or 3/4" (19 mm) plywood Joists spaced no more than 19" (48,3 cm) C-C • 5/8" (16 mm) plywood Joists spaced no more than 16" (40,6 cm) C-C • Concrete slab
Installation sites	Basement, first floor and upper floors
Radiant heated floor	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 ³
Formaldehyde	≤ 0,0073 ppm
Total Aldehydes	≤ 0,043 ppm
I VOCs	≤ 1/100 TLV and 1/2 chronic REL

Applicable standards

Surface burning ASTM-E-84	Class C (varies according to the wood species) Flame Spread Index: 100 to 150 Smoke Development: 75 to 400 according to the wood species
Surface burning CAN/ ULC-S102.2	Flame Spread Index (FSR): 130 Smoke Development (SDC): 255
Abrasion resistant finish (Taber test)	Mercier Generations finish: Nema LD3: 1 000 cycles
Static friction coefficient ASTM D2394	Mercier Generations finish (according to the gloss) 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.