

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" (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
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, 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
Box		33 sq. ft. (3.1 m ²)	10"	87"	3 1/4"	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 cm) C-C • 5/8" (16 mm) plywood Joists spaced no more than 16" (41 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	Maximum Greenguard Gold emission criteria
Greenguard Gold certification: Applies to all species, widths and colors.	TVOC $\leq 0.22 \text{ mg/m}^3$
Phtalate-free finish: OSHA method 104	Formaldehyde $\leq 0.0073 \text{ ppm}$
TSCA Title VI compliant & CANFER compliant	Total Aldehydes $\leq 0.043 \text{ ppm}$
	IVOCs $\leq 1/100 \text{ TLV and } 1/2 \text{ chronic REL}$

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)	liv finish: ASTM D4060: 1 000 cycles
Static friction coefficient ASTM D2394	liv finish (according to the gloss) PRO (Satin): 0.57 PRO-brushed: 0.68

Certifications



CONTRIBUTION
TO THE CERTIFICATION
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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.