

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



Product Technical Specifications

Nature of material	100% Hardwood
Dimensions	Thickness: 3/4" (19 mm) Width: 4 1/4" (83 mm) Lengths: Random, from 12" to 84" (305 mm to 2 134 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

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 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 ²)	9 1/4"	84"	3 1/4"	55 lb (25 kg)
Pallet	40	760 sq. ft. (70,6 m ²)	38"	84"	36"	2 200 to 2 500 lb (998 to 1 134 kg)

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Installation

Types of installation	Nailed or Stapled
Relative humidity	Between 35% and 55%
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
Installation sites	First floor and upper floors
Radiant heated floor	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 ³
Formaldehyde	≤ 0,0073 ppm
Total Aldehydes	≤ 0,043 ppm
I VOCs	≤ 1/100 TLV and ½ 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 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.