

Engineered 1/2" x 3 1/4" platform



Product Technical Specifications

Nature of material	Top layer: Hardwood, 4 mm thick Base: 7-ply crossed hardwood plywood
Dimensions	Thickness: 1/2" (12,7 mm) Width: 3 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 grades	Select & Better and Distinction
Colors	Refer to the current Mercier Product Chart
Accessories	T-Moldings, Quarter Rounds, Thresholds, Reducers, Stair nosings, Vents Touch-up kits, Maintenance kit

Finishes and Warranties



Mercier Generations Finish

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

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

Warranties

35 years for normal residential use
5 years for light commercial use
Structural lifetime warranty



Generations Intact 2500 Finish

Finish composed of microfragmented aluminum particles (AL₂O₃) in suspension in a UV-cured polyurethane resin.

Available glosses: Intact (25°) and Intact-brushed (25°), according to the wood species.

Warranties

50 years for normal residential use
10 years for light commercial use
3 years for commercial use with direct outdoor access
Structural lifetime warranty

Non-yellowing: The non-yellowing formula in the finishes reduces the natural wood board yellowing process.

Antimicrobial: The Ultra-fresh™ antimicrobial coating helps maintain excellent hygiene by reducing the risk of spreading bacteria and mildew and adds an additional level of protection for hygienic and sanitary floors.

Packaging	Number of boxes	Content	Width	Length	Height	Weight
Box		33,6 sq. ft. (3,1 m ²)	10"	87"	3 1/4"	67 lb (30 kg)
Pallet	40	1 344 sq. ft. (125 m ²)	42"	87"	36"	2 300 to 2 500 lb (1 225 to 1 361 kg)

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Installation

Types of installation	Nailed, Glued, Stapled or Floating
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

EPA TSCA Title VI 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 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 Generations Intact 2500 finish: Nema LD3: 2 500 cycles
Static friction coefficient ASTM D2394	Mercier Generations finish (according to the gloss) Satin: 0,57 Matte and Matte-brushed: 0,68 Generations Intact 2500 finish (according to the gloss) Intact: 0,56 Intact-brushed: 0,56

Certifications



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