MERCIER®
The original prefinished wood flooring

Engineered 3/4" x 7 1/2" platform

3/4''
(19 mm)

Product Technical Specifications

Nature of material	Top layer: Hardwood, nominal 3 mm thick Base: Plywood
Dimensions	Thickness: 3/4" (19 mm) Width: 7 1/2" (190 mm) Lengths: Random, from 23" to 75" (584,2 mm to 1 900 mm)
Profiling	Micro v-joint on 4 sides
Moisture content	Between 6% and 9%
Species and Janka hardness (lb)	White Oak (1 360)
Available grades	Distinction and Authentic
Colors	Orion, Nova, Celeste, Starlight, Lyra, Equinox, Solaris, Aurora
Accessories	Reducers and Stair nosings Touch-up kits, Maintenance kit
Manufacturing	Designed, stained and finished in Canada by Mercier Wood Flooring (imported platform)

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 gloss: Matte-brushed (10°)

Warranties
35 years for normal residential use
5 years for light commercial 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		23,44 sq. ft.	8 ¼"	79"	5"	59 lb
Pallet	35	820,4 sq. ft.	42"	79"	38"	2 000 to 2 100 lb

Engineered 3/4" x 7 1/2" platform

Installation

Types of installation	Stapled, Nailed, Glued or Floating
Relative humidity	Between 35% and 55%
Subfloor	• 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	$\leq 0,22$ mg/m^3
Formaldehyde	$\leq 0,0073$ ppm
Total Aldehydes	$\leq 0,043$ ppm
IVOCs	$\leq 1/100$ 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:** Matte-brushed: 0,68

Certifications

UL GREENGUARD
PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS
UL 2818
GOLD

CONTRIBUTION TO THE CERTIFICATION
LEED®

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.