

Engineered 3/4

4 1/2 in., 6 1/2 in., & 8 1/8 in.



Species: Red Oak • Hard Maple • White Oak, American Walnut* • Hickory*

* Species not offered in 8 1/8 in

Specifications

• Refer to the Mercier product chart for availability of widths and grades of each species.

Surface layer: 4 mm, thin sawing

Substrate: 11-ply crossed hardwood plywood

Thickness: 3/4 in. (19 mm)

Width: 4 1/2 in. (114 mm)
6 1/2 in. (165 mm)
8 1/8 in. (206 mm)

Length: Random lengths
4 1/2 in. : from 12 in. to 84 in. (300 mm to 2 134 mm)
6 1/2 in. : from 16 in.* to 84 in. (407 mm to 2 134 mm)
8 1/8 in. : from 20 in.* to 84 in. (508 mm to 2 134 mm)
*May contain occasional 12in long wood boards

Profiling: Micro V-joint on 4 faces

Grade: **Select & Better:** clear and uniform appearance; slight variations of natural tones
R&Q: clear and uniform appearance; slight variations of natural tones (White Oak only)
Distinction: moderate selection of natural tones and character marks
Authentic: contrasted appearance; pronounced variations between boards and presence of character marks.

Moisture Content : Between 6 et 9%

VOC / Formaldehyde

VOC-free and formaldehyde-free finish: ASTM D-5116

GREENGUARD Gold Certification: All species, widths, colors and finishes.

Phthalate-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
IVOCs	≤ 1/100 TLV et ≤ 1/2 chronic REL

According to ASTM D-5116 method

Made in Canada

Finish

Colors:

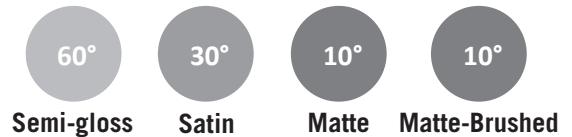
Refer to the Mercier product chart.

Mercier Generations Finish

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



Gloss:



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



Antimicrobial: The ULTRA-FRESH™ antimicrobial added to the finish limits the risk of bacteria and mildew growth on the finished surface.

35-year warranty

against finish wear under residential use

5-year warranty

against finish wear under light commercial use

Structural lifetime warranty

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Installation



Basement = **yes**
Floor = **yes**



Radiant floor = **yes**

With the exception of Hickory
(See: technical bulletin No. 5)

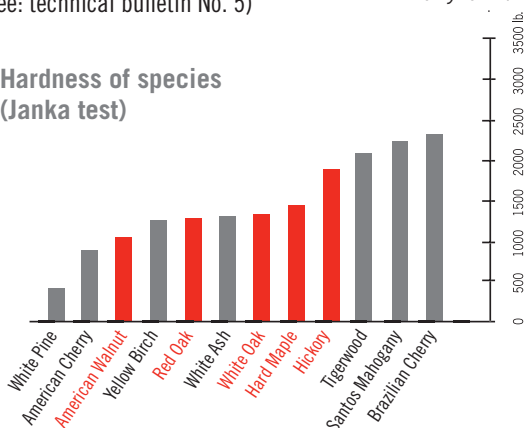
Subfloor

- OSB or 3/4 in. plywood: joists spaced no more than 19 in. C-C
- 5/8 in. plywood: joists spaced no more than 16 in. C-C
- Concrete slab



Type of installation :
Nailed, stapled*, glued and floating
**only for 4 1/2 in*

Hardness of species (Janka test)



Accessories Stair nosings • Reducers • Quarter-Rounds
• T-Mouldings • Flush Mount Air Vents • Thresholds • Touch-up Pens.

Packaging

		4 1/2 in. (114,3 mm)	6 1/2 in. (165 mm)	8 1/8 in. (206 mm)
Box	Contents	20 sq. ft. (1,86 m ²)	14,5 sq. ft. (1,35 m ²)	18 sq. ft. (1,67 m ²)
	Dimensions (l x L x H), in.	85 x 9 1/2 x 3 1/4	85 x 7 x 3	88 x 8,75 x 3,25
	Dimensions (l x L x H), cm	216 x 24 x 8	216 x 18 x 7,6	223 x 21 x 7,6
	Weight (approximate)	55 lb (25 kg)	40 lb (18 kg)	52 lb (23,5 kg)
Pallet	Contents	40 boxes 800 sq. ft. (74,32 m ²)	60 boxes 870 sq. ft. (81 m ²)	50 boxes 900 sq. ft. (83,6 m ²)
	Dimensions (l x L x H), in.	85 x 38 x 36	85 x 42 x 36	88 x 44 x 33
	Dimensions (l x L x H), cm	216 x 97 x 91	216 x 107 x 91	223 x 112 x 84
	Weight (approximate)	2 160 - 2 335 lb (981 - 1 061 kg)	2 350 - 2 540 lb (1 068 - 1 155 kg)	2600 lb (1 179,3 kg)

References

- Mercier Wood Flooring Engineered, Herringbone and Loc Installation Guide
- Mercier Wood Flooring Warranty Document
- Mercier Wood Flooring Maintenance Guide

Applicable standards

Surface burning ASTM-E-84

Class C (varies according to wood species)
Flame Spread Index : 100 to 150
Smoke Development: 75 to 400 (according to wood species)

Surface burning CAN/ULC-S102.2

Flame Spread Index (FSR): 130
Smoke Development (SDC): 255

Abrasion resistant of the finish (Taber test)

Nema LD3: 1000 cycles

Static friction coefficient ASTM D2394

Semi-gloss finish: 0.62
Satin finish: 0.57
Matte and Matte-Brushed finishes: 0,68

Certifications

FSC® certification (RA-COC-003583):

All products in solid wood Maple
Other certified species available upon request

Air quality : GREENGUARD Gold certification

<http://greenguard.org/en/index.aspx>

Carb II compliant : Composite wood materials used in GREENGUARD Certified and GREENGUARD Gold Certified flooring products complies with California Air Resources Board Air Toxic Control Measure for Formaldehyde Emissions (CARB ATCM) Phase 2 limits.

ISO 9001-2008

Origin: Montmagny, Québec, Canada

