

# LOC

## 3 1/4 in. & 5 in.

1/2 in.  
(12.8mm)



**Species:** Red Oak • Hard Maple

**Prefinished in Canada** 

## Specifications

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

**Surface layer:** 2 mm, thin sawing

**Bottom layer:** Eucalyptus

**Substrat :** High-density fibreboard (HDF)

**Thickness:** 1/2 in. (12,8 mm)

**Width:** 3 1/4 in. (83 mm)  
5 in. (127 mm)

**Length:** Fixed lengths  
16 in. (406 mm)  
24 in. (610 mm)  
32 in. (813 mm)  
48 in. (1219 mm)

**Profiling :** Micro V-joint on 4 faces

**Locking system:** Vålinge 2G™

**Grade :** **Distinction :** Moderate selection of natural tones and character marks

**Moisture content:** Between 6 and 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

<b>TVOC</b>	≤ 0.22 mg/m <sup>3</sup>
<b>Formaldehyde</b>	≤ 0.0073 ppm
<b>Total Aldehydes</b>	≤ 0.043 ppm
<b>IVOCs</b>	≤ 1/100 TLV et ≤ 1/2 chronic REL

According to ASTM D-5116 method

## 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:**

60°

30°

10°

10°

**Semi-gloss**

**Satin**

**Matte**

**Matte-Brushed**



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



**Antimicrobien :** The ULTRA-FRESH™ antimicrobial agent 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**

#### Subfloor

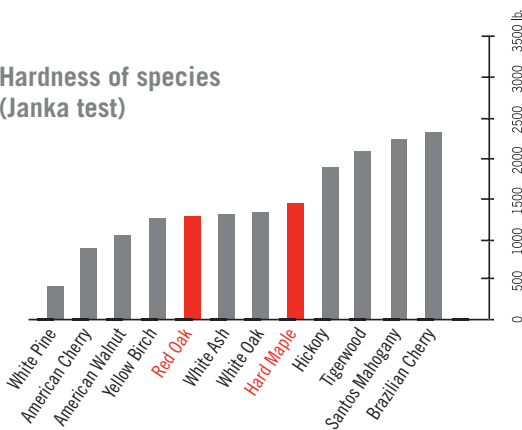
- OSB or 3/4 in. plywood: joists spaced no more than 19 in. C-C
- 5/8 in. plywood: joists spaced no more than 16 in. C-C
- Concrete slab



Type of installation :

Floating

Hardness of species (Janka test)



**Accessories** Stair Nosings • Reducers • Quarter-Rounds  
• T-Mouldings • Flush mount air vents • Thresholds • Touch-up Pens.

### 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)

Abrasion resistant 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

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



### Packaging

		3 1/4 in. (83 mm)	5 in. (127 mm)
Box	Contents	28 sq. ft. (2,60 m <sup>2</sup> )	28 sq. ft. (2,60 m <sup>2</sup> )
	Dimension (W x L x H) - in.	85 x 11 x 3	85 x 11 x 3
	Dimension (W x L x H) - cm	216 x 28 x 8	216 x 28 x 8
	Weight (approximate)	56 lb (25kg)	56 lb (25 kg)
Pallet	Contents	52 boxes 1 456 sq. ft. (135,26 m <sup>2</sup> )	52 boxes 1 456 sq. ft. (135,26 m <sup>2</sup> )
	Dimension (W x L x H) - in.	85 x 44 x 40	85 x 44 x 40
	Dimension (W x L x H) - cm	216 x 112 x 102	216 x 112 x 102
	Weight (approximate)	2 900-3 200 lb (1 315-1 451 kg)	2 900-3 200 lb (1 315-1 451 kg)

### References

- Mercier Wood Flooring Installation Guide Engineered and LOC
- Mercier Wood Flooring Warranty Document
- Mercier Wood Flooring Maintenance Guide