



## Description

Engineered floors are made of a superior quality hardwood surface layer laid on top of a Baltic birch plywood, for a better stability when exposed to variations in humidity. Boards have micro-v joints on all 4 sides, ensuring a neat and seamless installation. This floor can be installed on all types of subfloors. Visit our website for the complete product offering. Protected by the ultra-durable Mercier Generations finish they offer a 35-year warranty for residential applications and a 5-year warranty for light commercial applications. Also offered with the ultimate durability Generations Intact 2500 finish\*, they offer a 50-year warranty for residential applications, a 10-year warranty for light commercial applications and a 3-year warranty for commercial applications with direct outdoor access. All Mercier wood floors are Greenguard Gold certified, the highest environmental certification on the market.

\*with the exception of the Yellow Birch and American Walnut products, as well as Element and PRO Collections

## Certificate of compliance



GREENGUARD Gold Certification Criteria for Building Products and Interior Finishes			
Criteria	CAS Number	Maximum Allowable Predicted Concentration	Units
TVOC	-	0.22	mg/m <sup>3</sup>
Formaldehyde	50-00-0	9 (7.3 ppb)	µg/m <sup>3</sup>
Total Aldehydes	-	0.043	ppm
4-Phenylcyclohexene	4994-16-5	6.5	µg/m <sup>3</sup>
Particle Matter less than 10 µm	-	20	µg/m <sup>3</sup>
1-Methyl-2-pyrrolidinone	872-50-4	160	µg/m <sup>3</sup>
Individual VOCs	-	1/2 CREL or 1/100th TLV	-

### Characteristics



<b>Species</b>	Red Oak, Hard Maple, Hickory, White Oak, White Ash, American Walnut	<b>Widths</b> (depending on the species)	1/2" x 3 1/4" (12.7 mm x 83 mm) 1/2" x 5" (12.7 mm x 127 mm) 3/4" x 5" (19 mm x 127 mm) 1/2" x 6 1/2" (12.7 mm x 165 mm) 3/4" x 6 1/2" (19 mm x 165 mm) 3/4" x 8 1/8" (19 mm x 206 mm)
<b>Thicknesses</b>	1/2" (12.7 mm) and 3/4" (19 mm)		
<b>Profiling</b>	Micro-V joints on 4 sides		

### Recycled content

Final product	Weight ratio	Pre-consumer	Post-consumer
Factory prefinished Engineered floorboards 1/2" (*4 mm) and 3/4" (*4 mm) *Thickness of hardwood top layer	100%	0%	0%

### Sourcing of raw materials

Weight ratio	Final manufacturing location
100%	Montmagny, QC G5V 4T1 CANADA

Component	Weight ratio		Extraction location	Transportation
	1/2" (4 mm)	3/4" (4mm)		
<b>Plywood</b>	61.6% - 66.5%	74.2 - 78.2%	n/a	n/a
<b>Hardwood</b>	32.4% - 37.6%	21.1% - 25.1%	Canada (Quebec and Ontario) and United States (Connecticut, Maine, Massachusetts, Michigan, Mississippi, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island and Vermont)	Road
<b>Adhesive</b>	<0.1%	<0.1%	n/a	n/a
<b>Finish</b>	<0.1%	<0.1%	n/a	n/a

The source of extraction or location of raw materials has been documented from 20.4% to 37.6% of final product weight.

**Raw materials extraction zones**

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<p><b>1. Hardwood Harvest Location</b> (Details available upon request)</p>	<p><b>Canada:</b> Quebec and Ontario <b>United States:</b> Connecticut, Maine, Massachusetts, Michigan, Mississippi, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island and Vermont.</p>
<p><b>2. Source of plywood</b></p>	<p><b>The plywood extraction locations could not be documented</b></p>

### Technical performances

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**Performance tests**

Tests conducted by Mercier Wood Flooring, Inc according to applicable ASTM standards.

Source: Mercier Wood Flooring, Inc.

**Warranty**

**Mercier Generations finish**

35-year warranty for residential applications  
5-year warranty for light commercial applications  
Structural lifetime warranty

**Generations Intact 2500 finish**

50-year warranty for residential applications  
10-year warranty for light commercial applications  
3-year warranty for commercial applications with direct outdoor access  
Structural lifetime warranty

### Manufacturer's environmental management program

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**Manufacturer's commitment**

We are committed to sourcing wood only from environmentally responsible suppliers. All the species we use come from sustainably managed North American forests and adhere to rigorous traceability standards.

We reinsert 100% of our residues back into the company to heat our factory. All our products are packaged using recycled and recyclable packaging.

Mercier is one of the few manufacturers of prefinished wood to be Greenguard Gold certified, the highest standard on the market. This certification confirms that our finishes are free of thousands of chemical substances that are harmful to human health, such as VOCs and other pollutants. We provide peace of mind to clients who are concerned about the air that they breathe.

**Compliant with the standard method of the California Department of Public Health (CDPH)**



**Greenguard Gold Certification**

Certification agency	Certification number	Species*
UL Environment	15724-420	Hard Maple
UL Environment	15716-420	Red Oak
UL Environment	102656-420	Hickory
UL Environment	15732-420	White Oak

\*Greenguard Gold certification available for all other species and colors.

### Product contribution summary

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**LEED® v4 requirements for Building Design + Construction (BD+C):** New construction and Major Renovation, Core and Shell, School, Retail, Data Centers, Warehouse and Distribution Centers, Hospitality and Healthcare

**LEED® v4 requirements for Interior Design + Construction (ID+C):** Commercial Interiors, Retail and Hospitality

Material and Resources		Product Contributions	
<b>MR</b>	<b>Building Product Disclosure and Optimization – Material Ingredients</b> Option 1: Material ingredients reporting (1 point)	<b>Contribute</b>	<b>Ingredients and Emissions</b>
			HPD® version 2.1 Health Product Declaration
Indoor Environmental Quality		Product Contributions	
<b>EQ</b>	<b>Low-Emitting Materials</b> Option 1: Product Category calculation (1-3 points) For the flooring category 100% of flooring meet the requirements.	<b>Contribute</b>	<b>Ingredients and Emissions</b>
			Engineered floorboards have been tested according with the standard method of the California Department of Public Health (CDPH) v1.2-2017

**LEED® v4 requirements for homes:** Applies to single family homes, multi-family (one to three stories), or multi-family (four to six stories). Includes homes and multi-family low-rise and multi-family mid-rise.

Material and Resources		Product Contributions	
<b>MR*</b> prerequisite	<b>Certified Tropical Wood</b>	<b>Contribute</b>	<b>Attributes</b>
			Engineered floorboards are available with non-tropical wood species.
Indoor Environmental Quality		Product Contributions	
<b>EQ</b>	<b>Low-Emitting Products</b> (0.5-3 points) At least 90% of all materials in each category must meet credit requirements.	<b>Contribute</b>	<b>Ingredients and Emissions</b>
			Engineered floorboards have been tested according with the standard method of the California Department of Public Health (CDPH) v1.2-2017

It is important to consider that the total of possible points reflects the number of achievable points in each credit category. The product itself cannot achieve this score, as defined above, but is considered as a beneficial element in order to obtain LEED® credits.