



ENGINEERED WOOD FLOOR

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. *

VALIDATED ECO-DECLARATION

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PRODUCT SPECIFICATIONS

Reference

Factory prevarnished engineered floorboards
1/2" (4 mm*) and 3/4" (4 mm*)

*Thickness of hardwood

Final manufacturing location

Montmagny, QC G5V 4T1 CANADA

Components

Plywood, hardwood, adhesive and finish.

ATTRIBUTES

Recycled Content

Pre-consumer: 0%
Post-consumer: 0%

Sourcing of raw materials

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

FSC® Certification

-

Rapidly renewable materials

-

Biobased materials

-

ENVIRONMENTAL IMPACTS

Life Cycle Assessment

-

Reference service life

-

Product's carbon footprint

-

Environmental Product Declaration

ISO 14025:2006

-

INGREDIENTS AND EMISSIONS

Declaration of chemical ingredients

1,000 ppm

Type of declaration

HPD® version 2.1
Health Product Declaration®

Emission test

Greenguard Gold Certified

VOCs

-

Formaldehyde

-

Others

EPA TSCA Title VI Compliant

TECHNICAL PERFORMANCES

Performance tests

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

MANUFACTURER'S ENVIRONMENTAL MANAGEMENT

ISO 14001 Certification

-

Extended Producer Responsibility (Take Back Program)

-

Corporate Sustainability Report (CSR : GRI, ISO 26000, BNQ 21000 or others)

-

CERTIFICATIONS AND CONFORMITIES



Founded in 1980, Mercier Flooring is one of the largest manufacturers of prefinished wood flooring in North America. Recognized by the industry as the original prefinished wood flooring, its plants in Montmagny and Drummondville, Quebec (Canada), count more than 300 specialists dedicated to quality, innovation and respect for wood, in all its nobility and authenticity

330, rue des Entrepreneurs, Montmagny, QC G5V 4T1 CANADA

www.mercier-wood-flooring.com

*With the exception of the PRO collection

MasterFormat®: **09 64 00**

Validated Eco-Declaration:

VED18-1032-01

Original issue date: **2012/10**

Last modification: **2019/08**

Period of validity: **2020/02 to 2021/02**



ENVIRONMENTAL DATA SHEET

ENGINEERED WOOD FLOOR

CHARACTERISTICS



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

ATTRIBUTES

RECYCLED CONTENT

Final product	Weight ratio	Pre-consumer	Post-consumer
Engineered floorboards 1/2" (4 mm and 2,5 mm), 3/4" (4 mm)	100%	0%	0%

Validated Eco-Declaration – Recycled Content

Methodology: on-site audit, supply chain evaluation, analysis and validation of the recycled content data according to the weight ratio of each of the components used in the manufacturing the final product.

Vertima's procedure: VERT-032008-01, Second Edition.

SOURCING OF RAW MATERIALS

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

Validated Eco-Declaration – Sourcing of raw materials

Methodology: on-site audit, supply chain evaluation, analysis and validation of the sourcing of raw materials data according to the weight ratio of each of the components used in manufacturing the final product.

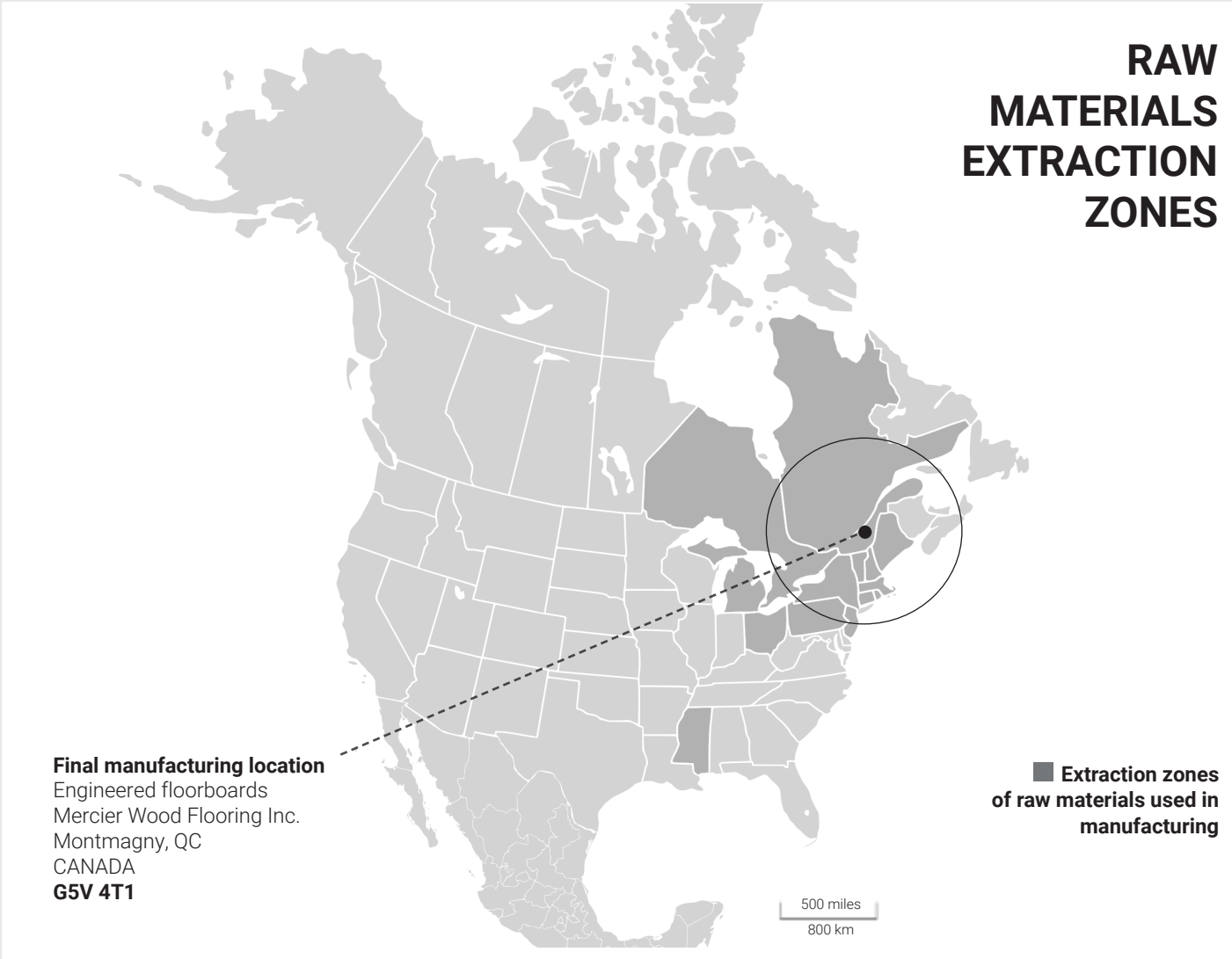
Vertima's procedure: VERT-032008-02, Second Edition.

Component	Weight ratio			Extraction location	Transportation
	1/2" (4 mm)	1/2" (2,5 mm)	3/4" (4 mm)		
Plywood	61.6% - 66.5%	74.8% - 78.6%	74.2% - 78.2%	N/A	N/A
Hardwood	32.4% - 37.6%	20.4% - 24.3%	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
Adhesive	< 0.1%	< 0.1%	< 0.0%	N/A	N/A
Finish	< 0.1%	< 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.

ATTRIBUTES (CONTINUED)

SOURCING OF RAW MATERIALS (CONTINUED)



- 1. HARDWOOD HARVEST LOCATION** (Details available upon request)
Canada: Quebec and Ontario
United States: Connecticut, Maine, Massachusetts, Michigan, Mississippi, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island and Vermont.
- 2. SOURCE OF PLYWOOD** (Not shown on the map)
Supplier 1: Russia
Supplier 2: Russia
Supplier 3: Russia
The plywood extraction locations could not be documented.

The data included in this Environmental Data Sheet has been provided by the client and the suppliers, who are responsible for its veracity and its integrity. Vertima follows a rigorous protocol, including an on-site audit of the factory, an audit of the manufacturer's supply chain documentation, and the analysis and validation of all supporting documents. However, Vertima cannot be held responsible for false or misleading information that may cause any loss or damage suffered, caused in all or in part, by errors and/or omissions relative to the collection, compilation and/or interpretation of data.

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ENVIRONMENTAL DATA SHEET

ENGINEERED WOOD FLOOR

INGREDIENTS AND EMISSIONS

VOLATILE ORGANIC COMPOUNDS (VOCs)

All finish and adhesive products are applied during the manufacture of Engineered floorboards.
For categories of products presented below, value refer to the VOC content in their liquid state.

Adhesive

Manufacturer	Product	VOC content
Dural	Adhesive for wood substrate	0 g/L - <24 g/L

Finition

Manufacturer	Product	VOC content
AkzoNobel	Stain and varnish	4 g/L - 79 g/L

Validated Eco-Declaration – Emissions and Volatile Organic Compounds (VOCs)
Methodology: validation of documents attesting VOCs emissions.
Vertima's procedure: VERT-032009-02, Second Edition.

DECLARATION OF CHEMICAL INGREDIENTS



Type of declaration: Health Product Declaration® (HPD®) version 2.1

Period of validity: January 31, 2018 to January 31, 2021

HPD name: Engineered Wood Flooring

Summary of product contents and results from screening individual chemical substances against HPD Priority Lists¹ and the GreenScreen for Safer Chemicals®².

HPDC repository URL: <http://www.hpd-collaborative.org/hpd-public-repository/>

The Health Product Declaration® and logo is owned by the Health Product Declaration® Collaborative and is used with permission.

Declaration: ■ Prepared by Vertima inc., third party approved by HPDC

Ingredients inventory threshold: 1,000 ppm

Full disclosure of intentional ingredients: Yes

Full disclosure of known hazards: Yes

Hazard(s) associated with the product ingredients:

This HPD Standard describes a declaration of product content and direct health hazards associated with exposure to its individual contents. The Declaration is not an assessment of risks associated with actual use of the product. It does not address the potential health impacts of substances used or created during manufacture that do not appear in the final product as residuals, nor substances created during combustion or other degradation processes.

Highest concern GreenScreen® Benchmark: List Translator Likely Benchmark 1³

☒ PBT (Persistent, Bioaccumulative, Toxic)

☒ Cancer

☒ Gene mutation

☐ Development

☒ Reproductive

☒ Endocrine

☒ Respiratory

☐ Neurotoxicity

☒ Mammal

☐ Land toxicity

☒ Aquatic toxicity

☒ Skin or eye

☐ Physical hazard

☐ Global warming

☐ Ozone depletion

☒ Multiple

☐ Unknown

¹Refer to Annex D of HPD® Open Standard Version 2.1, May 2017: <http://www.hpd-collaborative.org>

²GreenScreen for Safer Chemicals® method: <http://www.greenscreenchemicals.org/>

³GreenScreen (GS) Benchmark scores of chemical ingredients: Benchmark 1 (Avoid, chemical of high concern), Benchmark 2 (Use but search for safer substitutes), Benchmark 3 (Use but still opportunity for improvement), Benchmark 4 (Prefer, safer chemical).



ENVIRONMENTAL DATA SHEET

ENGINEERED WOOD FLOOR

INGREDIENTS AND EMISSIONS (CONTINUED)

TABLE OF INGREDIENTS

Component	Role	Weight ratio	CAS ¹	GreenScreen ^{®2}	Other applicable score (for more details refer to the HPD [®])
Plywood	Main component	61.6% - 78.6%	50-00-0	LT-1	LT-P1, BM-3 scores also present
Hardwood	Top layer	20.4% - 37.6%	-	-	-
Adhesive #1	Assembly	0% - 0.1%	64440-88-6 26447-40-5	LT-UNK	-
Natural Finish	Finish	0% - 0.1%	Multiple	LT-P1	LT-UNK score also present
Stain Finish	Finish	0% - 0.1%	14807-96-6	BM-1	LT-1, LT-P1, LT-UNK scores also present

*The results include the Professional Series 3/8 " Engineered Floorboards.

¹Only the CAS numbers with the score of highest concern are listed. The complete list of substances can be found in the HPD[®].

²GS List Translator (LT) scores of chemical ingredients: LT-1, likely GS Benchmark 1; LT-P1, possible GS Benchmark 1; LT-U or LT-UNK, present on GS Specified Lists but there is insufficient information to classify the hazards as LT-1 or LT-P1 (does not mean the chemical is safe).

Validated Eco-Declaration – Declaration of chemical ingredients

Methodology: validation of the documentation confirming the methodology and reporting of chemical ingredients.

Vertima's procedure: VERT-032009-01, Second Edition.

TECHNICAL PERFORMANCES

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

Source: Mercier Wood Flooring Inc.

MANUFACTURER'S ENVIRONMENTAL MANAGEMENT PROGRAM

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 pre-finished wood to be certified Greenguard Gold, 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.

Source: Mercier Wood Flooring Inc.

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Validated Eco-Declaration:
VED18-1032-01
Period of validity:
2020/02 à 2021/02



ENVIRONMENTAL DATA SHEET

ENGINEERED WOOD FLOOR

MANUFACTURER'S ENVIRONMENTAL MANAGEMENT PROGRAM

QUALITY MANAGEMENT SYSTEM (ISO 9001:2015)

Certification number	Certification agency	Period of validity
CA09/55166	SGS North America Inc.	Until January, 20 2021

Scope of registration

Development and manufacturing of prefinished floors and moldings

Certified site

330, rue des Entrepreneurs, Montmagny, QC G5V 4T1 Canada

Validated Eco-Declaration – ISO Certification

Methodology: validation of documents attesting the ISO Certification.



GREENGUARD GOLD CERTIFICATION

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

Engineered floorboards



Certification agency	Certification number	Specie*
UL Environment	15724-420	Hard maple
UL Environment	15716-420	Red oak
UL Environment	102656-420	Hickory

Certification agency	Certification number	Specie*
UL Environment	15732-420	White oak
UL Environment	15736-420	American walnut

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

Validated Eco-Declaration – Greenguard Certification

Methodology: validation of documents attesting the Certification.

Vertima's procedure: VERT-032011, Second Edition.



ENVIRONMENTAL DATA SHEET

ENGINEERED WOOD FLOOR

PRODUCT CONTRIBUTION SUMMARY

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.

MATERIALS AND RESOURCES

PRODUCT CONTRIBUTIONS

MR

Building Product Disclosure and Optimization – Material Ingredients

Option 1: Material ingredients reporting (1 point)

Engineered floorboards contribute to this credit due to the availability of Health Product Declarations® and are valued as 1 whole product out of the 20 needed for the purposes of credit achievement calculation.

Contribute

INGREDIENTS AND EMISSIONS

HPD® version 2.1
Health Product Declaration®

INDOOR ENVIRONMENTAL QUALITY

PRODUCT CONTRIBUTIONS

EQ

Low-Emitting Materials

Option 1: Product category calculation (1-3 points)

For the flooring category 100% of flooring must meet the requirements.

Contribute

INGREDIENTS AND EMISSIONS

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 multifamily low-rise and multi-family mid-rise.

MATERIALS AND RESOURCES

PRODUCT CONTRIBUTIONS

MR
Prerequisite

Certified Tropical Wood

Contribute

ATTRIBUTES

Engineered floorboards are available with non-tropical wood species.

INDOOR ENVIRONMENTAL QUALITY

PRODUCT CONTRIBUTIONS

EQ

Low-Emitting Products (0.5-3 points)

At least 90% of all materials in each category must meet credit requirements.

Contribute

INGREDIENTS AND EMISSIONS

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 amount 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.