




City Life LOC Wood Floor

Composed of a superior quality hardwood surface layer, laid on top of a HDF and pine base, City Life floated wood flooring has micro-V joints on all four sides. This floor can be installed on all types of subfloors. Consult our website for the complete product offering.

Protected by the ultra-durable Mercier Generations finish, City Life floated wood floors offer a 20-year warranty for residential applications. All Mercier wood floors are Greenguard Gold certified, the highest environmental certification on the market.

VALIDATED ECO-DECLARATION

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PRODUCT SPECIFICATIONS	ENVIRONMENTAL IMPACTS	TECHNICAL PERFORMANCES
Reference Factory prevarnished laminated floorboards	Life Cycle Assessment -	Performance tests Tests conducted by Mercier Wood Flooring, Inc. according to applicable ASTM standards.
Final manufacturing location Montmagny (Quebec) G5V 4T1 CANADA	Reference service life -	MANUFACTURER'S ENVIRONMENTAL MANAGEMENT
Components HDF, hardwood, adhesive and finish.	Product's carbon footprint -	
ATTRIBUTES	Environmental Product Declaration ISO 14025:2006 -	ISO 14001 Certification -
	INGREDIENTS AND EMISSIONS	Extended Producer Responsibility (Take Back Program) -
Recycled Content Pre-consumer: 0% Post-consumer: 0%	Declaration of chemical ingredients 1,000 ppm	Corporate Sustainability Report (CSR : GRI, ISO 26000, BNQ 21000 or others) -
Sourcing of raw materials Data collection from suppliers was conducted for 100% of the product components.	Type of declaration HPD® version 2.1 Health Product Declaration®	CERTIFICATIONS AND CONFORMITIES
FSC® Certification -	Emission test Greenguard Certified	
Rapidly renewable materials -	VOCs -	 
Biobased materials -	Formaldehyde -	
	Others EPA TSCA Title VI Compliant	

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

 MasterFormat®: **09 64 00**

Validated Eco-Declaration:

VED18-1032-02

 Original issue date: **2018/02**

 Last modification: **2019/08**

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


CHARACTERISTICS

- Species : White Oak, American Walnut and Hard Maple
- Thickness : 3/8" (10 mm)
- Width : 5 3/4" (145 mm)
- Micro-V joints on all four sides



ATTRIBUTES

RECYCLED CONTENT

Final product	Weight ratio	Pre-consumer	Post-consumer
Loc floorboards	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.

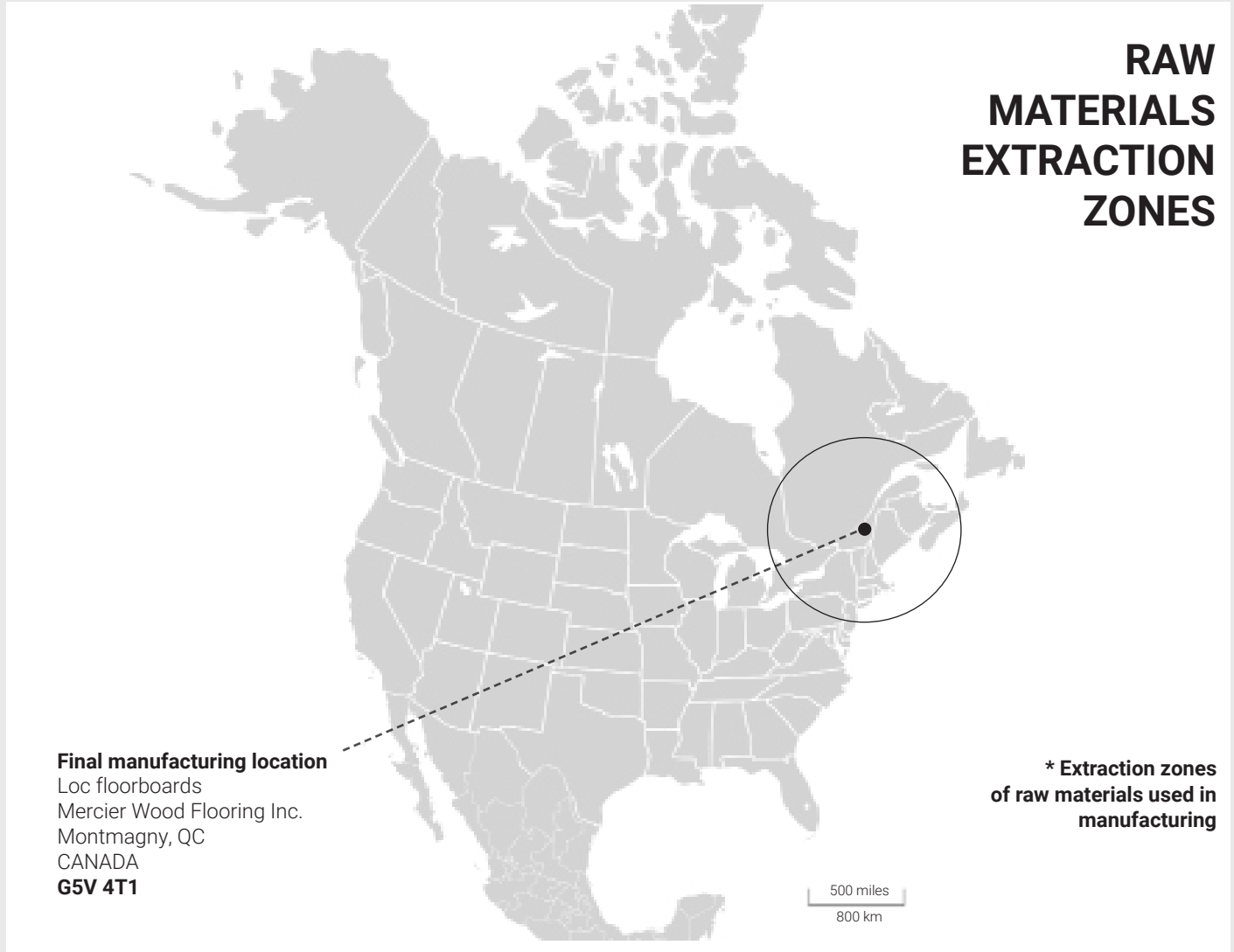
Component	Weight ratio	Suppliers location	Extraction location	Transportation
HDF	91.3%	Spain	N/A	N/A
Hardwood	7.2%	Europe and North America	N/A	N/A
Adhesive	1.1%	N/A	N/A	N/A
Finish	0.4%	N/A	N/A	N/A

Data collection from suppliers was conducted for 100% of the product components.

ATTRIBUTES (CONTINUED)

SOURCING OF RAW MATERIALS (CONTINUED)

**RAW
MATERIALS
EXTRACTION
ZONES**



Final manufacturing location
Loc floorboards
Mercier Wood Flooring Inc.
Montmagny, QC
CANADA
G5V 4T1

*** Extraction zones
of raw materials used in
manufacturing**

- 1. SOURCE OF HDF** (Not shown on the map)
Espagne
- 2. HARDWOOD HARVEST LOCATION** (Details available upon request)
Europe and North America

***The extraction locations of raw materials of Loc floorboards could not be documented.**



INGREDIENTS AND EMISSIONS

VOLATILE ORGANIC COMPOUNDS (VOCs)

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

Adhesive		
Manufacturer	Product	VOC content
HB Fuller	Adhesive for wood substrate	2.9 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: Loc 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

- | | | |
|--|--|---|
| <input checked="" type="checkbox"/> PBT (Persistent, Bioaccumulative, Toxic) | <input checked="" type="checkbox"/> Respiratory | <input checked="" type="checkbox"/> Physical hazard |
| <input checked="" type="checkbox"/> Cancer | <input type="checkbox"/> Neurotoxicity | <input type="checkbox"/> Global warming |
| <input checked="" type="checkbox"/> Gene mutation | <input checked="" type="checkbox"/> Mammal | <input type="checkbox"/> Ozone depletion |
| <input checked="" type="checkbox"/> Development | <input type="checkbox"/> Land toxicity | <input checked="" type="checkbox"/> Multiple |
| <input checked="" type="checkbox"/> Reproductive | <input checked="" type="checkbox"/> Aquatic toxicity | <input type="checkbox"/> Unknown |
| <input checked="" type="checkbox"/> Endocrine | <input checked="" type="checkbox"/> Skin or eye | |

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).



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 [®])
HDF	Main component	91.3%	67-56-1	BM-1	LT-1, LT-UNK scores also present
harwood	Top layer	4.5%	-	-	-
Backing	Structural support	2.7%	-	-	-
Adhesive #2	Assembly	1.1%	108-05-04	LT-P1	LT-UNK scores also present
Mat stain finish	Finish	0% - 0.4%	14807-96-6	BM-1	LT-1, LT-P1, LT-UNK scores also present
Natural mat finish	Finish	0% - 0.4%	Multiple	LT-P1	LT-UNK scores also present

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
 20-year warranty for residential applications
 Structural lifetime warranty

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, for example. 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.

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



MANUFACTURER'S ENVIRONMENTAL MANAGEMENT PROGRAM (CONTINUED)

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.

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



GREENGUARD GOLD CERTIFICATION

Compliant with the standard method of the California Department of Public Health (CDPH) v1.2-2017



Loc floorboards

Certification agency	Certification number	Species*	Period of validity
UL Environment	15724-420	White Oak	Certification in progress
UL Environment	15718-420	American walnut	Certification in progress

*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.



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) Loc 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
			Loc 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
			Loc 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
			Loc 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.

