



## PIONEERED®

(SOLID WOOD)

3/4" thick solid hardwood boards with tongue and groove and micro-V beveled on 4 sides.

## VALIDATED ECO-DECLARATION

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PRODUCT SPECIFICATIONS	ENVIRONMENTAL IMPACTS	TECHNICAL PERFORMANCES
<b>Reference</b> Solid wood (Pioneered)	<b>Life Cycle Assessment</b> -	<b>Performance tests</b> Relevant performances tests list. Fire reaction available on request.
<b>Final manufacturing location</b> Toronto, ON M8Z 1K8 or Saint-Georges, QC G5Y 8J5 CANADA	<b>Reference service life</b> -	
<b>Components</b> Hardwood and finishes.	<b>Product's carbon footprint</b> -	
	<b>Environmental Product Declaration</b> - ISO 14025:2006	
ATTRIBUTES	INGREDIENTS AND EMISSIONS	MANUFACTURER'S ENVIRONMENTAL MANAGEMENT
<b>Recycled Content</b> Pre-consumer: 0% Post-consumer: 0%	<b>Declaration of chemical ingredients</b> 1,000 ppm	<b>ISO 14001 Certification</b> -
<b>Sourcing of raw materials</b> The source of extraction and/or location of raw materials has been documented for 99.0% of final product weight.	<b>Type of declaration</b> HPD® version 2.2 Health Product Declaration®	<b>Extended Producer Responsibility</b> - (Take Back Program)
<b>Certified Wood</b> -	<b>Emission tests</b> Complying with the CDPH	<b>Corporate Sustainability Report</b> - (CSR : GRI, ISO 26000, BNQ 21000 or others)
<b>Rapidly renewable materials</b> -	<b>VOCs</b> CDPH test results ≤ 0.5 mg/m³	<b>CERTIFICATIONS AND CONFORMITIES</b>
<b>Biobased materials</b> -	<b>Formaldehyde</b> CDPH test results ≤ 9.0 ug/m³	
	<b>Others</b> -	



**Lacey Act**  
Compliant

As an innovative leader in the prefinished hardwood flooring market, Vintage Hardwood Flooring has built a reputation of exceptional quality and service both across Canada and in the United States.

409 Evans Avenue, Toronto (Ontario) M8Z 1K8 CANADA  
[www.vintageflooring.com](http://www.vintageflooring.com)

MasterFormat®: 09 64 00

Validated Eco-Declaration:

**VED16-1071-02**

Original issue date: **07/2016**

Period of validity: **08/2021 to 08/2022**



# ENVIRONMENTAL DATA SHEET

## SOLID WOOD (PIONEERED)



### Characteristics

- Boards with uniform thicknesses and widths
- Micro-V joint on all four sides of the board

## ATTRIBUTES

### RECYCLED CONTENT

Final product	Weight ratio	Pre-consumer	Post-consumer
Solid wood (Pioneered)	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 manufacturing the final product.

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

### SOURCING OF RAW MATERIALS

Weight ratio	Final manufacturing location
100%	Toronto, ON M8Z 1K8 CANADA or Saint-Georges, QC G5Y 8J5 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.

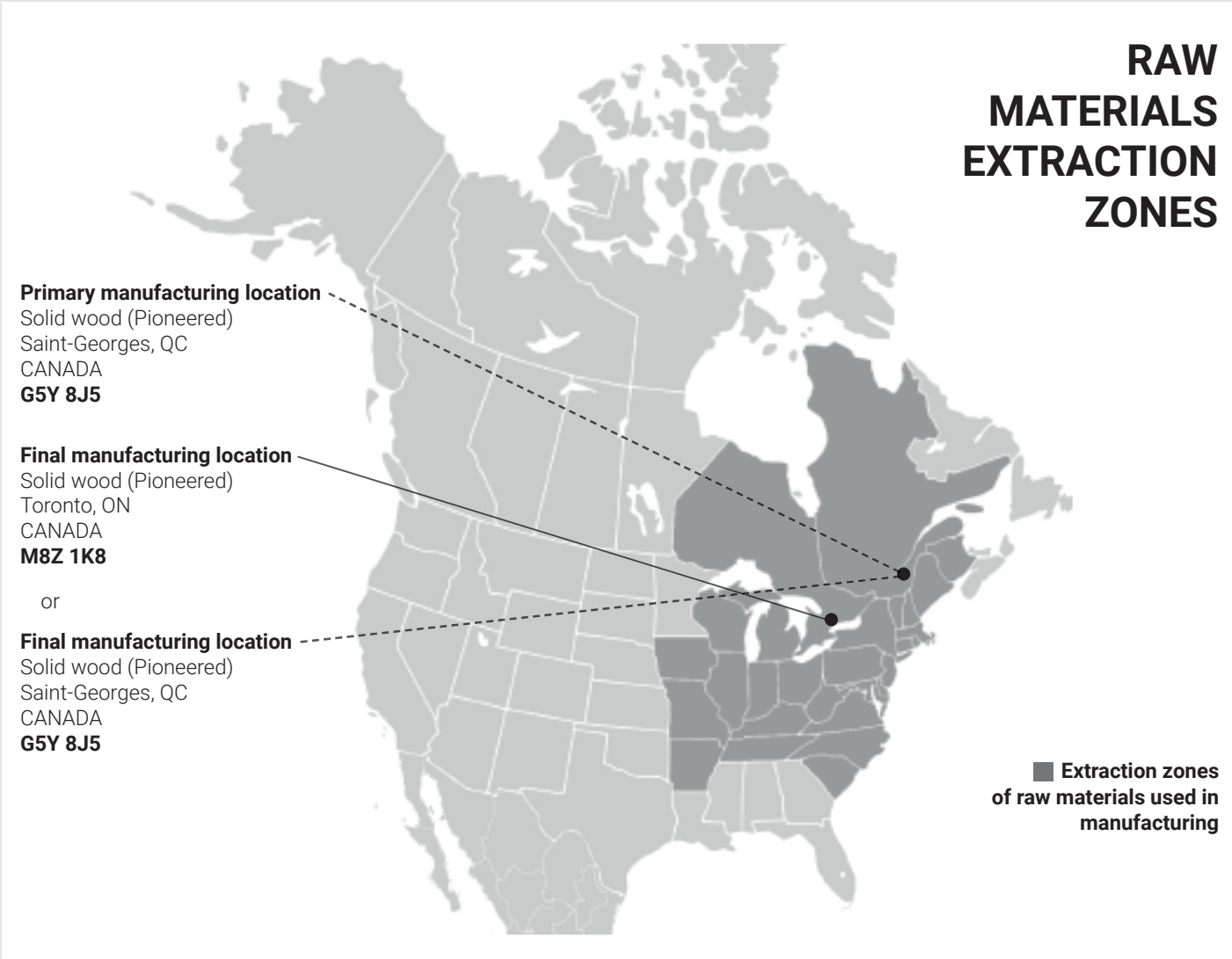
Component	Weight ratio	Extraction location	Transportation
Hardwood	99.0%	Canada and United States	Road
Finishes	<1.0%	N/A	N/A

The source of extraction and/or location of raw materials has been documented for 99.0% of final product weight.



ATTRIBUTES (CONTINUED)

SOURCING OF RAW MATERIALS (CONTINUED)



**WOOD HARVEST LOCATION** (Details available upon request)

**Canada:** Quebec, New Brunswick, Ontario.  
**United States:** Arkansas, Connecticut, Delaware, Illinois, Indiana, Iowa, Kentucky, Maine, Maryland, Massachusetts, Michigan, Missouri, New Hampshire, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Rhode Island, South Carolina, Tennessee, Vermont, Virginia, West Virginia, Wisconsin.



# ENVIRONMENTAL DATA SHEET

## SOLID WOOD (PIONEERED)



### INGREDIENTS AND EMISSIONS

#### CERTIFIED WOOD

Hardwood is currently excluded in PEFC certificate, however contact Vintage for options regarding PEFC Certification.

#### DECLARATION OF CHEMICAL INGREDIENTS



**Type of declaration:** Health Product Declaration® (HPD®) version 2.2

**Period of validity:** April 2021- April 2024

**HPD name:** Solid wood - Toronto

Summary of product contents and results from screening individual chemical substances against HPD Priority Lists<sup>1</sup> and the GreenScreen for Safer Chemicals®<sup>2</sup>.

**HPDC repository URL:**

<https://hpdrepository.hpd-collaborative.org/repository/HPDThumbnails/F9EB4906C02E89EC5B8728A6D348BD40.jpg>

The presented results are specific to Solid wood prefinished at Toronto plant. For more details about the HPD® related to Solid wood prefinished at St-Georges plant and entitled "Solid wood - St-Georges", please consult the 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: (Not associated with actual use of finished product)

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:** Benchmark 1<sup>3</sup>

☐ 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

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

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

<sup>3</sup>GreenScreen (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).

#### TABLE OF INGREDIENTS

Component	Role	Weight ratio	CAS <sup>1</sup>	GreenScreen® <sup>2</sup>	Other applicable score (for more details refer to the HPD®)
Hardwood	Main material	99.3 - 99.7%	-	-	-
Finishes	Finishes	<1.0%	14807-96-6	BM-1	LT-1, LT-P1, LT-UNK and BM-4 scores also present
Stain	Color the wood	<0.5%	1333-86-4	BM-1	LT-1, LT-P1 and LT-UNK scores also present
Wood Filler	Wood Filler	<0.3%	1336-21-6	LT-P1	BM-2 scores also present

<sup>1</sup>Only the CAS numbers with the score of highest concern are listed. The complete list of substances can be found in the HPD®.

<sup>2</sup>GS 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.



# ENVIRONMENTAL DATA SHEET

SOLID WOOD (PIONEERED)



## INGREDIENTS AND EMISSIONS (CONTINUED)

### EMISSION TESTS

#### Reference Standard



**California Department of Public Health CDPH/EHLB/Standard Method Version 1.2, 2017**  
(Emission testing method for CA Specification 01350)

**Certificate number:** 171017-03

**Issue Date:** October 17, 2017

**Final manufacturing location:** Toronto, ON

**Analytical Lab:** Berkeley Analytical



[ClearChem Declared](#)

#### Acceptance Criteria and Results Demonstrating Compliance of Product Sample to Referenced Standard:

Exposure Scenario <sup>1</sup>	Individual VOCs of Concern <sup>2</sup>		Formaldehyde <sup>3</sup>		TVOC <sup>4</sup>
	Criterion	Compliant	Criterion	Compliant	
School Classroom	≤½ Chronic REL	Yes	≤9.0 µg/m <sup>3</sup>	Yes	≤0.5 mg/m <sup>3</sup>
Private Office	≤½ Chronic REL	Yes	≤9.0 µg/m <sup>3</sup>	Yes	≤0.5 mg/m <sup>3</sup>

**Product Coverage<sup>5</sup>:** Not applicable

Source: Berkeley Analytical - VOC Emission Test Certificate

#### Reference Standard



**California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010**  
(Emission testing method for CA Specification 01350)

**Certificate number:** 150224-01

**Issue Date:** February 24, 2015

**Final manufacturing location:** St-Georges, QC

**Analytical Lab:** Berkeley Analytical



[ClearChem Declared](#)

#### Acceptance Criteria and Results Demonstrating Compliance of Product Sample to Referenced Standard:

Exposure Scenario <sup>1</sup>	Individual VOCs of Concern <sup>2</sup>		Formaldehyde <sup>3</sup>		TVOC <sup>4</sup>
	Criterion	Compliant	Criterion	Compliant	
School Classroom	≤½ Chronic REL	Yes	≤9.0 µg/m <sup>3</sup>	Yes	≤0.5 mg/m <sup>3</sup>
Private Office	≤½ Chronic REL	Yes	≤9.0 µg/m <sup>3</sup>	Yes	≤0.5 mg/m <sup>3</sup>
Single Family Residence (if applicable)	≤½ Chronic REL	Yes	≤9.0 µg/m <sup>3</sup>	Yes	≤0.5 mg/m <sup>3</sup>

**Product Coverage<sup>5</sup>:** Not applicable

Source: Berkeley Analytical - VOC Emission Test Certificate

<sup>1</sup>Exposure scenarios & product quantities for classroom & office are defined in Tables 4-2 – 4-5 (CDPH Std. Mtd. V1.1-2010 or V1.2-2017).

<sup>2</sup>Maximum allowable concentrations of individual target VOCs are specified in Table 4-1 (ibid).

<sup>3</sup>Maximum allowable formaldehyde concentration is ≤9 µg/m<sup>3</sup>, effective Jan 1, 2012; previous limit was ≤16.5 µg/m<sup>3</sup> (ibid).

<sup>4</sup>Informative only; predicted TVOC Range in three categories, i.e., ≤0.5 mg/m<sup>3</sup>, >0.5 – 4.9 mg/m<sup>3</sup>, and ≥5.0 mg/m<sup>3</sup>.

<sup>5</sup>Informative and applicable only to tests of wet-applied products; grams of sample applied per square meter of substrate.

Validated Eco-Declaration—Emissions testing

Methodology: validation of documents certifying the test results.

Vertima's procedure: VERT-032009-02, Second Edition.

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:

**VED16-1071-02**

Period of validity:

**08/2021 to 08/2022**



# ENVIRONMENTAL DATA SHEET

## SOLID WOOD (PIONEERED)



### TECHNICAL PERFORMANCES

#### PERFORMANCE TESTS

Contact manufacturer for more details.

#### WARRANTY

See product detailed description.

### MANUFACTURER'S ENVIRONMENTAL MANAGEMENT PROGRAM

#### RESPONSIBLE RAW MATERIALS PROCUREMENT REPORT

Report name	Date
Controlled Wood Risk Evaluation	Updated annually

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Validated Eco-Declaration - Supply Chain Management Report  
Methodology: validation of documents attesting the supply chain management report.  
Vertima's procedure: VERT-032009-04, First Edition.



# ENVIRONMENTAL DATA SHEET

## SOLID WOOD (PIONEERED)



### PRODUCT CONTRIBUTION SUMMARY

#### LEED® v4 requirements for Building Design + Construction (BD+C)

New Construction, 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)  
The Solid wood (Pioneered) contributes to this credit due to the availability of Health Product Declarations® and is valued as 1 whole product out of the 20 needed for the purposes of credit achievement calculation.

Contribute

#### INGREDIENTS AND EMISSIONS

HPD® version 2.2  
Health Product Declaration®

#### INDOOR ENVIRONMENTAL QUALITY

#### PRODUCT CONTRIBUTIONS

EQ

#### Low-Emitting Materials

Option 1: Product category calculation (1-3 points)  
Number of points is dependent on the LEED rating system and the number of compliant categories. For the flooring category 100% of flooring must meet the requirements.

Contribute

#### INGREDIENTS AND EMISSIONS

The Solid wood (Pioneered) has been tested according with the standard method of the California Department of Public Health (CDPH).

#### 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

-

#### ATTRIBUTES

To meet the prerequisite, don't select tropical species of Vertima.

#### 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

The Solid wood (Pioneered) has been tested according with the standard method of the California Department of Public Health (CDPH).

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.

