



## NORTHERN SOLID SAWN™ HARDWOOD FLOORING

3/4" (19 mm) structured hardwood with a 4mm sawn face lamella, qtr. sawn SPF finger core and hardwood back.




Micro beveled on all 4 edges for a seamless look.

Tongue and grooved joints that can be nailed, floated or glued down and approved over radiant heat.

## VALIDATED ECO-DECLARATION

## Product's contribution to LEED® v4

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PRODUCT SPECIFICATIONS	ENVIRONMENTAL IMPACTS	TECHNICAL PERFORMANCES
<b>Reference</b> 3/4" thick structured hardwood flooring <b>Final manufacturing location</b> Toronto, Ontario M8Z 1K8 CANADA <b>Composition</b> SPF core, hardwood lamella, veneer, adhesives and finishes	<b>Life Cycle Assessment</b> -  <b>Product's carbon footprint</b> -  <b>Environmental Product Declaration</b> - ISO 14025:2006, Type III	<b>Performance tests</b> To be determined  <b>Expected life</b> -
ATTRIBUTES	INGREDIENTS AND EMISSIONS	MANUFACTURER'S ENVIRONMENTAL MANAGEMENT
<b>Recycled content</b> Pre-consumer: 0%   Post-consumer: 0%  <b>Regional content</b> The origin and extraction location of raw materials has been documented for 97.8% of the final product weight ratio.	<b>Declaration of chemical ingredients</b> -  <b>Type of declaration</b> -  <b>Emission test</b> Compliant as per CDPH  <b>VOCs</b> CDPH test results $\leq 0.5 \text{ mg/m}^3$  <b>Formaldehyde</b> CDPH test results $\leq 9.0 \text{ } \mu\text{g/m}^3$	<b>ISO 14001 Certification</b> -  <b>Extended Producer Responsibility (Take Back Program)</b> -  <b>Corporate Sustainability Reporting (CSR: GRI, ISO 26000, BNQ 21000 or other)</b> -
<b>FSC® Certification</b> (When available) RA-COC-002199  <b>Rapidly renewable materials</b> -  <b>Biobased materials</b> -	<b>Others</b> -	CERTIFICATIONS AND CONFORMITY REPORTS
		 The mark of responsible forestry    

As an innovative leader, in the prefinished hardwood flooring market, Vintage Hardwood Flooring, manufacturer of Vintage Prefinished 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:

**VED16-1071-04**

Original issue date: **2016/07**

Period of validity: **2016/07 to 2017/07**



# ENVIRONMENTAL DATA SHEET

## NORTHERN SOLID SAWN™ HARDWOOD FLOORING



**NORTHERN  
SOLID SAWN**



- 3/4" (19 mm) structured hardwood, with 4mm sawn face lamella, qtr. sawn SPF core and hardwood back
- 4 Micro beveled edges
- Tongue and grooved joints for nailed, floated or glued down installations
- Radiant heat approved
- Stains and finishes are 99% VOC and formaldehyde free

### ATTRIBUTES

#### RECYCLED CONTENT

Final product	Weight ratio	Pre-consumer	Post-consumer
Northern Solid Sawn™ Hardwood Flooring	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, First Edition.

#### REGIONAL CONTENT

Weight ratio	Final manufacturing location
100%	Toronto, Ontario M8Z 1K8 CANADA

Validated Eco-Declaration - Regional Content

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

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

Product components	Weight ratio	Extraction locations	Transportation
SPF core	64.9%	Canada and United-States	Road
Hardwood lamella	25.9%	Canada and United-States	Road
Veneer	7.0%	Canada and United-States	Road
Adhesives	1.2%	N/A	N/A
Finishes	1.0%	N/A	N/A

The extraction location has been documented for **97.8%** of materials of the final product components, based on weight ratio.

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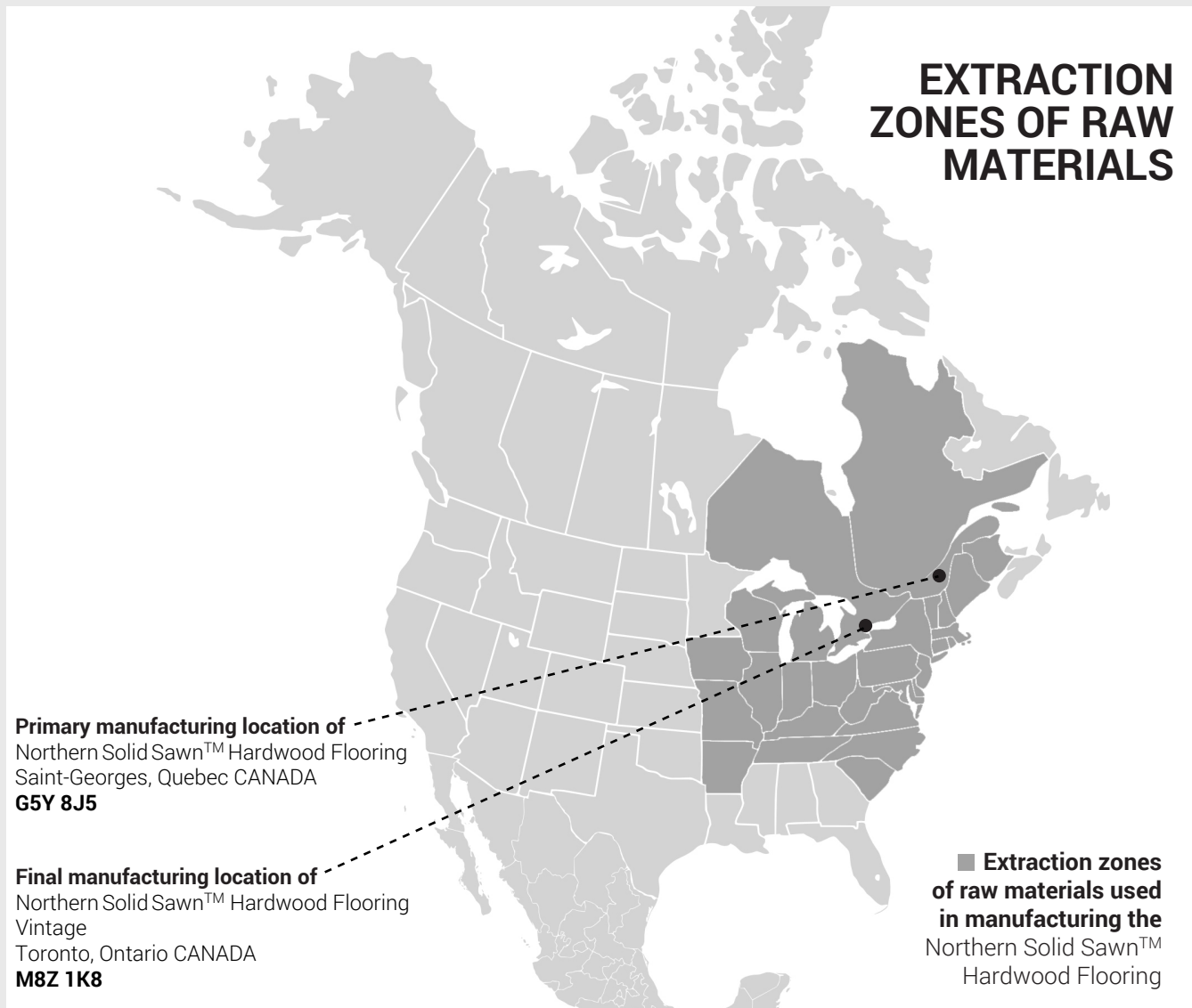
## NORTHERN SOLID SAWN™ HARDWOOD FLOORING



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### ATTRIBUTES (CONTINUED)

#### REGIONAL CONTENT (CONTINUED)



#### 1. HARVEST LOCATIONS OF WOOD: (Details available upon request)

**Canada:** Quebec, New-Brunswick, Ontario.

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

#### 2. HARVEST LOCATIONS OF VENEER: (Details available upon request)

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### ATTRIBUTES (CONTINUED)

#### FSC® CERTIFICATION

When available, FSC®-Certified Vintage's Northern Solid Sawn™ Hardwood Flooring are available for the following wood species: **Maple, White Oak** and **Red Oak**. (Contact Vintage for other options)

	Vintage Northern Solid Sawn™ Hardwood Flooring	% Wood component	% FSC®-Certified wood	Total % FSC®-Certified wood used in the final assembly of the product versus the total weight of the wood components (based on weight ratio)
	Wood	97.8%	97.8%	100%
	Vintage	Certification number	Type of certification	Period of validity
	Toronto, Ontario CANADA	RA-COC-002199	FSC® Mix	2012/02/13 to 2017/02/12

Validated Eco-Declaration—FSC® Certification

Methodology: on-site audit, supply chain evaluation and validation of FSC® certification documents confirming the type of certification and calculation, based on weight ratio, of the wood that is FSC®-Certified in the final product.

Vertima's procedure: VERT-032008-03, First Edition.

### INGREDIENTS AND EMISSIONS

#### EMISSION TEST

##### Product category

##### Emission test for Vintage Northern Solid Sawn™ Hardwood Flooring

California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010

(Emission testing method for CA Specification 01350)

Product samples were selected and expected to give the worst-case results for the testing and evaluation of volatile organic chemical emissions from indoor sources using environmental chambers version 1.1.

Vintage Northern Solid Sawn™ Hardwood Flooring made with variable components may be grouped together for testing purposes given that the "worst-case" samples were provided for testing, as specified in the standard method for the testing and evaluation of volatile organic chemical emissions from indoor sources using environmental chambers v1.1.

A range of product models, brands and/or styles with varying characteristics may be grouped together for testing purposes if the products can be expected to have virtually the same performance during testing and use. A test group shall only include models which are made using the same production methods and are comprised of the same product ingredients (formulation). The test sample shall be selected from the model in the group that can be expected to give the worst results for the test taking into consideration special attributes, materials, methods of manufacturing, suppliers, etc.

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## INGREDIENTS AND EMISSIONS (CONTINUED)

### EMISSION TEST (CONTINUED)

#### Testing method



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

Certificate number: 150505-02  
Issue Date: May 5, 2015  
Analytical Lab: Berkeley Analytical

#### 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?	Range
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	≤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

- Exposure scenarios & product quantities for classroom & office are defined in Tables 4-2 – 4-5 (CDPH Std. Mtd. V1.1-2010)
- Maximum allowable concentrations of individual target VOCs are specified in Table 4-1 (ibid.)
- 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.)
- 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>
- Informative and applicable only to tests of wet-applied products; grams of sample applied per square meter of substrate

Validated Eco-Declaration - Emission Test  
Methodology: validation of documents certifying the test results.  
Vertima's procedure: VERT-032009-02, First Edition.

## TECHNICAL PERFORMANCES

### PERFORMANCE TESTS

Contact Vintage Hardwood Flooring for more details.





## TECHNICAL PERFORMANCES (CONTINUED)

### EXPECTED LIFE

#### Warranties

- Lifetime structural warranty for residential installations;
- **Twenty-five (25) year** wear warranty for residential installations and **Three (3) year** for commercial installations (Pearl & Semi-gloss finishes);
- **Ten (10) year** limited wear warranty for residential installations and **One (1) year** for commercial installations (UV Urethane Oil finish).

## MANUFACTURER'S ENVIRONMENTAL MANAGEMENT

### RESPONSIBLE RAW MATERIALS PROCUREMENT REPORT

Report name	Date	Lacey Act Compliant
Controlled Wood Risk Evaluation	Updated annually	

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.

### COMPANY'S COMMITMENT

The Vintage Commitment... to manufacture a superior quality, naturally green product with the best value, surpassed by none in the industry. Yours to enjoy for a lifetime.

Using state-of-the art technology, our specialized team of wood experts continuously strives to offer our customers the best quality product and finish in the market. Rigorous quality control measures and continuous improvements to our manufacturing process are undertaken to ensure our systems meet the toughest standards. Our Pearl and Semi-Gloss floors are finished with our specially formulated Armour-Kote® aluminum oxide finish, guaranteed to deliver 25 years of lasting protection and beauty.

All Vintage stains, pigments and dyes are waterborne, heavy-metal and formaldehyde free. Sealers and topcoats are 99% VOC free.

Vintage ensures manufacturing is in compliance with provincial and federal laws in order to minimize harmful effects of manufacturing on the environment. We comply with the Lacey-Act to ensure all of our domestic and exotic wood species being imported and exported are protected. In compliance with this act, Vintage supplies an import/export declaration with each shipment.

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### PRODUCT CONTRIBUTION SUMMARY

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

New Construction, Core 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		POINTS	PRODUCT CONTRIBUTION
MR	<b>Building Product Disclosure and Optimization – Sourcing of Raw Materials</b> Option 2: Leadership extraction practices May also contribute to the location valuation factor if the product is sourced (extracted, manufactured, purchased) within 160 km around the project site.	1 point	ATTRIBUTES
			FSC®-Certified (100%) (When available)
MR	<b>Building Product Disclosure and Optimization – Material Ingredients</b> Option 1: Material ingredients reporting	Do not contribute <sup>1</sup>	INGREDIENTS AND EMISSIONS <sup>1</sup> Must have a compliant and published Health Product Declaration® to contribute to credit requirements
INDOOR ENVIRONMENTAL QUALITY		POINTS	PRODUCT CONTRIBUTION
EQ	<b>Low-Emitting Materials</b> Option 1: Product category calculation <sup>2</sup> Number of points is dependant on the LEED rating system and the number of compliant categories. For the flooring category, 100% of flooring products must meet the requirements.	1-3 points <sup>2</sup>	INGREDIENTS AND EMISSIONS
			CDPH test

#### LEED® v4 requirements for Homes

Applies to single family homes, low-rise multi-family (one to three stories), or mid-rise multi-family (four to six stories); includes Homes and Multifamily Lowrise and Multifamily Midrise.

MATERIALS AND RESOURCES		POINTS	PRODUCT CONTRIBUTION
MR Prereq 1	<b>Certified Tropical Wood</b>	Prerequisite	ATTRIBUTES Vintage's Northern Solid Sawn™ Hardwood Flooring does not contain any tropical wood species
MR Credit 2	<b>Environmentally Preferable Products</b> Option 2: Environmentally Preferable Products <sup>3</sup> At least 90% of all materials in each category must meet credit requirements. Vintage Northern Solid Sawn™ Hardwood Flooring contributes to 0.5 point for FSC®-Certified.	0.5 point <sup>3</sup>	ATTRIBUTES FSC®-Certified (100%) (When available)
INDOOR ENVIRONMENTAL QUALITY		POINTS	PRODUCT CONTRIBUTION
EQ Credit 7	<b>Low-Emitting Products</b> <sup>4</sup> At least 90% of all materials in each category must meet credit requirements. Vintage Northern Solid Sawn™ Hardwood Flooring contributes to 0.5 point for CDPH test.	0.5 point <sup>4</sup>	INGREDIENTS AND EMISSIONS
			CDPH test

**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 achieve LEED® credits.**

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