




U-LOC® HARDWOOD FLOORING

7/16" (11 mm) locking style hardwood with a 2 mm sawn face lamella, HDF core and hardwood back. Micro beveled on all 4 edges for a seamless look. Locking system for glueless floating installation and approved for most species over radiant heat.

VALIDATED ECO-DECLARATION

Product's contribution to LEED® v4

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PRODUCT SPECIFICATIONS	ENVIRONMENTAL IMPACTS	TECHNICAL PERFORMANCES
Reference 7/16" thick locking hardwood flooring Final manufacturing location Saint-Georges, Quebec G5Y 8J5 CANADA Composition HDF, wood, veneer, adhesives and finishes	Life Cycle Assessment - Product's carbon footprint - Environmental Product Declaration - ISO 14025:2006, Type III	Performance tests ASTM E-84 / ASTM D-2047 / ASTM D-4060 Expected life -
ATTRIBUTES	INGREDIENTS AND EMISSIONS	MANUFACTURER'S ENVIRONMENTAL MANAGEMENT
Recycled content Pre-consumer: 58.5% - 59.6% Post-consumer: 0% Regional content The origin and extraction location of raw materials has been documented for 99.0% of the final product weight ratio.	Declaration of chemical ingredients - Type of declaration - Emission test - VOCs See Page 4 Formaldehyde - Others CARB 93120 compliant	ISO 14001 Certification - Extended Producer Responsibility (Take Back Program) - Corporate Sustainability Reporting (CSR: GRI, ISO 26000, BNQ 21000 or other) -
FSC® Certification (When available) RA-COC-002199 Rapidly renewable materials - Biobased materials -		CERTIFICATIONS AND CONFORMITY REPORTS
		 CARB 93120 Compliant Lacey Act Compliant

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

MasterFormat®: **09 64 00**
Validated Eco-Declaration: **VED16-1071-05**
Original issue date: **2016/07**
Period of validity: **2016/07 to 2017/07**



ENVIRONMENTAL DATA SHEET

U-LOC® HARDWOOD FLOORING



- 7/16" (11 mm) locking hardwood, with 2 mm sawn face lamella, HDF core and hardwood back
- 4 Micro beveled edges
- Locking system for glueless floating installation
- Radiant heat approved for most species
- Stains and finishes are 99% VOC and formaldehyde free

ATTRIBUTES

RECYCLED CONTENT

Components	Weight ratio	Pre-consumer	Post-consumer
HDF	76.0%	77.0% - 78.5%	0%
Final product	Weight ratio	Pre-consumer	Post-consumer
U-LOC® Hardwood Flooring	100%	58.5% - 59.6%	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%	Saint-Georges, Quebec G5Y 8J5 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
HDF	76.0%	Various locations	Road
Wood	15.0%	Canada and United-States	Road
Veneer	8.0%	Various locations	Road
Adhesives	< 1.0%	N/A	N/A
Finishes	< 1.0%	N/A	N/A

The extraction location has been documented for **99.0%** of materials of the final product components, based on weight ratio.

The data included in this Environmental Data Sheet has been provided by the client and the suppliers, who are responsible for its veracity and the 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, in all or in part, caused by errors and omissions relative to the data collection, compilation and/or interpretation. The analysis protocol used by Vertima is available on request.

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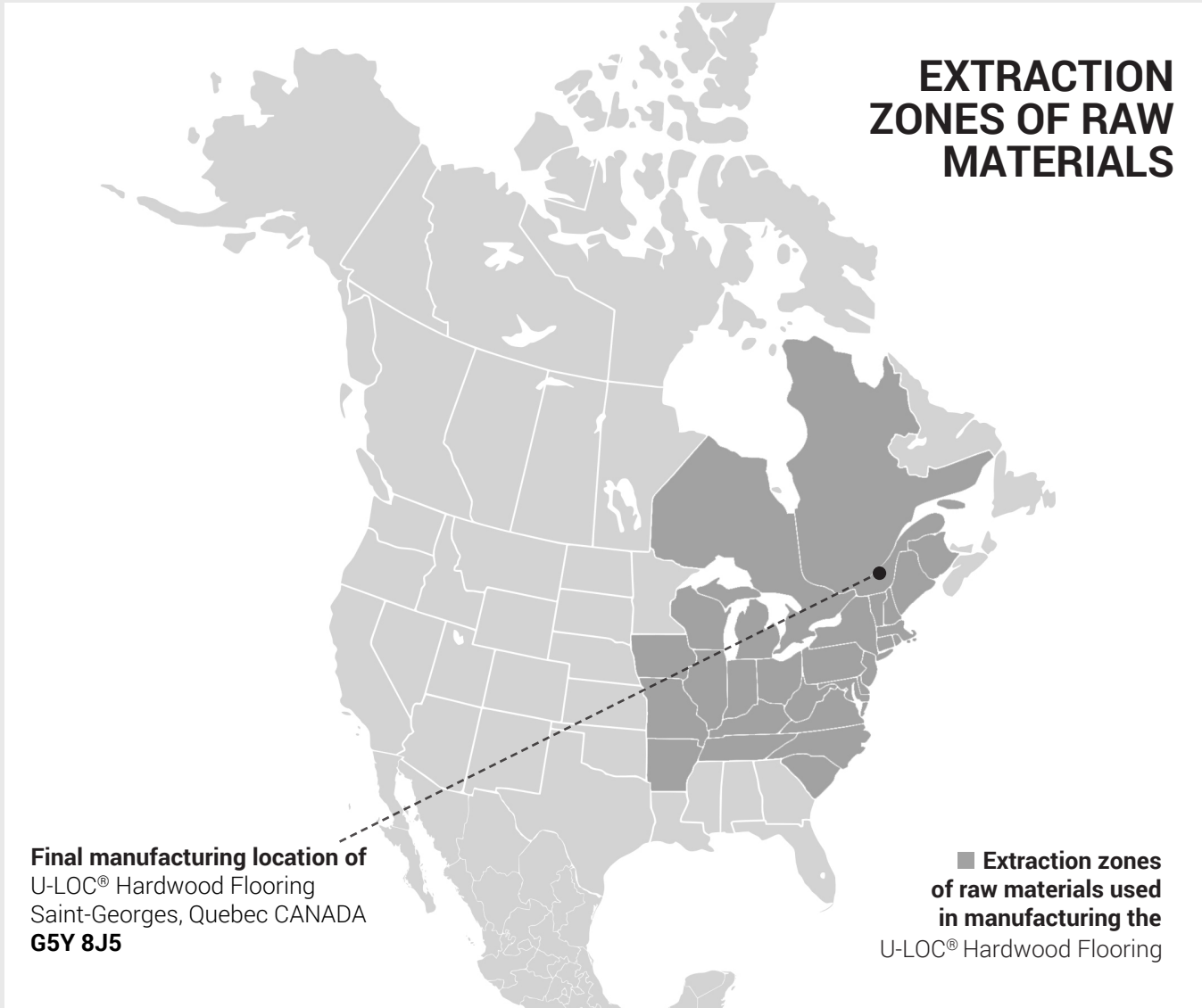
U-LOC® HARDWOOD FLOORING



U-LOC®

ATTRIBUTES (CONTINUED)

REGIONAL CONTENT (CONTINUED)



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

2. 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.

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

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ATTRIBUTES (CONTINUED)

FSC® CERTIFICATION

When available, FSC®-Certified Vintage U-LOC® Hardwood Flooring is available for the following wood species: **Maple, White Oak and Red Oak.** (Contact Vintage for other options)

	Vintage U-LOC® 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	99.0%	99.0%	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

VOLATILE ORGANIC COMPOUNDS (VOCs)

All adhesives and finishes are applied during the manufacturing of Vintage's U-LOC® Hardwood Flooring. In each category of products presented below, the values refer to the VOC content of adhesives and finishes in their liquid state. Therefore, the VOC content may not be representative of the level of VOCs present in adhesives and finishes in their dry state.

Adhesives			
Manufacturer	Product type	VOC content	
Dural, a div. of Multibond Inc.	Water-based adhesives	0 g/L - 50.0 g/L	

Finishes			
Manufacturer	Type	Product	VOC content
PPG Industries	Clear wood finish	UV Urethane Oil	32.0 g/L
PPG Industries	Clear wood finish	Pearl and Semi-Gloss finishes	0 g/L - 2.2 g/L

Validated Eco-Declaration - Emissions and VOCs
 Methodology: validation of documents attesting the methodology and results of emissions general evaluation and VOCs.
 Vertima's procedure: VERT-032009-02, First Edition.

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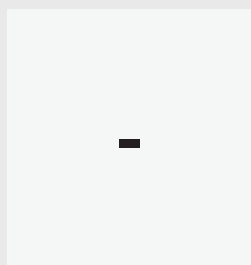
TECHNICAL PERFORMANCES

PERFORMANCE TESTS

Non-exhaustive list. See general product specifications sheet for more details.

- Fire resistance testing (surface burning ASTM E-84);
- Static friction coefficient (ASTM D-2047);
- Taber® abrasion test (ASTM D-4060).

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	Building Product Disclosure and Optimization – Sourcing of Raw Materials 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
			Recycled Content pre-consumer (58.5% - 59.6%) FSC®-Certified (100%) (When available)
MR	Building Product Disclosure and Optimization – Material Ingredients Option 1: Material ingredients reporting	Do not contribute ¹	INGREDIENTS AND EMISSIONS ¹ Must have a compliant and published Health Product Declaration® to contribute to credit requirements
INDOOR ENVIRONMENTAL QUALITY		POINTS	PRODUCT CONTRIBUTION
EQ	Low-Emitting Materials Option 1: Product category calculation	Do not contribute ²	INGREDIENTS AND EMISSIONS
			² Must be tested and determined compliant in accordance with California Department of Public Health (CDPH) Standard Method v1.1-2010

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	Certified Tropical Wood	Prerequisite	ATTRIBUTES
			FSC®-Certified (100%) (When available, excluding Sapele)
MR Credit 2	Environmentally Preferable Products Option 2: Environmentally Preferable Products ³ At least 90% of all materials in each category must meet credit requirements. Vintage U-LOC® Hardwood Flooring contributes to 0.5 point for Recycled Content and to 0.5 point for FSC®-Certified.	1 point ³	ATTRIBUTES
			Recycled Content pre-consumer (58.5% - 59.6%) FSC®-Certified (100%) (When available)
INDOOR ENVIRONMENTAL QUALITY		POINTS	PRODUCT CONTRIBUTION
EQ Credit 7	Low-Emitting Products At least 90% of all materials in each category must meet credit requirements.	Do not contribute ⁴	INGREDIENTS AND EMISSIONS
			⁴ Must be tested and determined compliant in accordance with California Department of Public Health (CDPH) Standard Method v1.1-2010

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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