



Hardwood Floors

# ENVIRONMENTAL DATA SHEET






## LOCK (3 PLY HDF CORE)

Real hardwood boards with a high density fiber core and a wood backing. 2G™ angling system for easy installation<sup>1</sup>.

<sup>1</sup> 2G™ is a patented technology invented by Välinge Innovation AB.

## VALIDATED ECO-DECLARATION

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PRODUCT SPECIFICATIONS	ENVIRONMENTAL IMPACTS	TECHNICAL PERFORMANCES
<b>Reference</b> 3 ply HDF core (Lock)	<b>Life Cycle Assessment</b> -	<b>Performance tests</b> Relevant performances tests list. Fire reaction available on request.
<b>Final manufacturing location</b> Saint-Georges, QC G5Y 8J5 or Toronto, ON M8Z 1K8 CANADA	<b>Reference service life</b> -	
<b>Components</b> HDF, hardwood, veneer, adhesives and finishes.	<b>Product's carbon footprint</b> -	<b>MANUFACTURER'S ENVIRONMENTAL MANAGEMENT</b>
<b>ATTRIBUTES</b>	<b>Environmental Product Declaration</b> ISO 14025:2006 -	
<b>Recycled Content</b> Pre-consumer: 58.5% - 61.3% Post-consumer: 0%	<b>INGREDIENTS AND EMISSIONS</b>	<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 91% of final product weight.	<b>Declaration of chemical ingredients</b> 1,000 ppm	<b>Extended Producer Responsibility</b> (Take Back Program) -
<b>Certified Wood</b> PEFC 54327	<b>Type of declaration</b> HPD® version 2.1 Health Product Declaration®	<b>Corporate Sustainability Report</b> (CSR : GRI, ISO 26000, BNQ 21000 or others) -
<b>Rapidly renewable materials</b> -	<b>Emission tests</b> Complying with the CDPH	<b>CERTIFICATIONS AND CONFORMITIES</b>
<b>Biobased materials</b> -	<b>VOCs</b> CDPH test results ≤ 0.5 mg/m <sup>3</sup>	  
	<b>Formaldehyde</b> CDPH test results ≤ 9.0 ug/m <sup>3</sup>	
	<b>Others</b> EPA TSCA title VI compliant	<b>Lacey Act Compliant</b>

Designed and manufactured in North America, Mirage Floors are synonymous with superior quality, beauty, durability and guarantee product consistency, added value, and lifelong good looks. Mirage epitomizes attention to detail and the desire to create a product in perfect harmony with its environment. For more than 35 years, Mirage has been committed to operating in an environmentally responsible manner in order to ensure sustainable development for current and future generations.

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3 PLY HDF CORE (LOCK)



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## 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	<b>Building Product Disclosure and Optimization – Sourcing of Raw Materials</b> Option 2: Leadership extraction practices (1 point) Recycled Content and see Pilot-Credits MRpc102: Legal Wood	Contribute (pilot-credits)	<b>ATTRIBUTES</b> Recycled Content Pre-consumer (58.5% - 61.3%) PEFC Certification (when specified)
			<b>INGREDIENTS AND EMISSIONS</b> HPD® version 2.1 Health Product Declaration®
MR	<b>Building Product Disclosure and Optimization – Material Ingredients</b> Option 1: Material ingredients reporting (1 point) The 3 ply HDF core (Lock) 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	<b>ATTRIBUTES</b> Recycled Content Pre-consumer (58.5% - 61.3%) PEFC Certification (when specified)
			<b>INGREDIENTS AND EMISSIONS</b> HPD® version 2.1 Health Product Declaration®
INDOOR ENVIRONMENTAL QUALITY		PRODUCT CONTRIBUTIONS	
EQ	<b>Low-Emitting Materials</b> 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	<b>INGREDIENTS AND EMISSIONS</b> The 3 ply HDF core (Lock) 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	<b>Certified Tropical Wood</b>	-	<b>ATTRIBUTES</b> To meet the prerequisite, don't select tropical species of Mirage.
MR	<b>Environmentally Preferable Products</b> Maximum of 4 points depending on both options in the context of each project. Option 2: Environmentally Preferable Products The final product should contain at least 25% of post-consumer recycled content or 50% of pre-consumer recycled content. Wood products must be FSC®-Certified, or USGBC-approved equivalent. See Pilot-Credits MRpc102: Legal Wood The 3 ply HDF core (Lock) meets at least 2 criterions for this option since contain at least 50% of pre-consumer recycled and the product is PEFC Certified when specified.	Contribute (pilot-credits)	<b>ATTRIBUTES</b> Recycled Content Pre-consumer (58.5% - 61.3%) PEFC Certification (when specified)
			<b>INGREDIENTS AND EMISSIONS</b> The 3 ply HDF core (Lock) has been tested according with the standard method of the California Department of Public Health (CDPH).
INDOOR ENVIRONMENTAL QUALITY		PRODUCT CONTRIBUTIONS	
EQ	<b>Low-Emitting Products (0.5-3 points)</b> At least 90% of all materials in each category must meet credit requirements.	Contribute	<b>INGREDIENTS AND EMISSIONS</b> The 3 ply HDF core (Lock) 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.

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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