








## LUMMIA PANELS

Offered in High Gloss or Perfect Matt finishes, Lummia lacquered panels meet the needs of professionals and consumers more than ever.

In addition, their excellent machinability, their remarkable resistance to scratches and fingerprints and the wide choice of colors offered are suitable for a multitude of applications.

## VALIDATED ECO-DECLARATION

PRODUCT SPECIFICATIONS	ENVIRONMENTAL IMPACTS	TECHNICAL PERFORMANCES
<b>References</b> Lummia panels	<b>Life Cycle Assessment</b> February 2024	<b>Performance tests</b> ANSI A208.1, ASTM E84, CAN/ULC S102, BIFMA HCF 8.1-2019, JIS Z2801: 2012
<b>Final manufacturing location</b> 4639 J.-E. Lafliche street, Lac-Mégantic, Qc, G6B 0A2, CANADA.	<b>Reference service life</b> -	<b>MANUFACTURER'S ENVIRONMENTAL MANAGEMENT</b> Certification ISO 14001-2015: CERT 55149-1-04 Certification ISO 9001-2015: CERT 55148-1-04 Certification ISO 45001-2018: CERT 55150-1-04
<b>Composition</b> Wood particules, adhesive, water, catalyst, wax, impregnated decorative paper and lacquer.	<b>Product's carbon footprint</b> -	
<b>ATTRIBUTES</b>	<b>Environmental Product Declaration</b> Industry-wide Type III EPD ISO 14025:2006 February 2024 to February 2029	<b>Extended Product Responsibility</b> - (Take Back Program)
	<b>INGREDIENTS AND EMISSIONS</b>	
<b>Recycled content</b> Pre-consumer: 49.21% - 82.01% Post-consumer: 0.00% - 32.81%	<b>Declaration of chemical ingredients</b> 1000 ppm	<b>Corporate Sustainability Report</b> - (CSR: GRI, ISO 26000, BNQ 21000 or others)
<b>Sourcing of raw materials</b> Data collection from suppliers has been conducted for the products components aligned with each specific environmental analysis.	<b>Type of declaration</b> HPD® version 2.2 Health Product Declaration® March 2022 to March 2025	<b>CERTIFICATION(S) &amp; CONFORMITIES</b>     
<b>Certified Wood</b> FSC® Certification: NC-CW-003089	<b>Emissions test</b> -	
<b>Rapidly renewable materials</b> -	<b>VOC*</b> -	<b>Others</b> Substrat Lummia are compliant with EPA TSCA Title VI.
<b>Biobased materials</b> -	<b>Formaldehyde</b> <0.09 ppm for Lummia substrat.	

Tafisa® Canada, a subsidiary of the Sonae Industria group, is the owner and operator of North America's largest particleboard manufacturing facility. Each week, more than 700 truckloads of wood fibre are transformed into 300 truckloads of finished products – particleboard or decorative panels.

4660, Villeneuve street, Lac-Mégantic, (Quebec) G6B 2C3, CANADA  
[www.tafisa.ca](http://www.tafisa.ca)

Master Format : 07 46 16  
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# ENVIRONMENTAL DATA SHEET

## LUMMIA PANELS



### PRODUCT CONTRIBUTION SUMMARY

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

New Construction, Core and Shell, Schools, 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 – Environmental Product Declaration (EPD)</b> <b>Option 1: Environmental Product Declaration (1 point)</b> The product contributes to this credit due to the availability of an industry-wide Type III EPD and are valued as 1 whole product out of the 20 needed for the purposes of credit achievement.	Contribute	<b>ENVIRONMENTAL IMPACTS</b> Industry-wide Type III EPD compliant to ISO 14025:2006
MR	<b>Building Product Disclosure and Optimization – Sourcing of Raw Materials</b> <b>Option 2: Leadership extraction practices (1 point)</b> Product meets at least one of the responsible extraction criteria: recycled content, wood product certification, biobased materials, extended producer responsibility.	Contribute	<b>ATTRIBUTES</b> FSC® Certification: NC-CW-003089 Recycled content Pre-consumer: 49.21% - 82.01% Post-consumer: 0.00% - 32.81%
MR	<b>Building Product Disclosure and Optimization – Material Ingredients</b> <b>Option 1: Material ingredients reporting (1 point)</b> The product 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.	Contribute	<b>INGREDIENTS AND EMISSIONS</b> HPD® version 2.2 Health Product Declaration®
INDOOR ENVIRONMENTAL QUALITY		PRODUCT CONTRIBUTIONS	
EQ	<b>Low-Emitting Materials</b> <b>Option 1: Product category calculation (1-3 points)</b> The number of points is dependent on the LEED® rating system and the number of compliant categories. For the Composite Wood category, 100% of composite wood not covered by other categories must meet the Composite Wood Evaluation.	Does not contribute	<b>INGREDIENTS AND EMISSIONS</b> While the wood composite product meets the TSCA Title VI and/or CARB Phase 2 formaldehyde emissions requirements, it is not NAF or ULEF compliant.

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.

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 omissions relative to the collection, compilation and/or interpretation of data.

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## PRODUCT CONTRIBUTION SUMMARY

### 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	
<b>MR Prerequisite</b>	<b>Certified Tropical Wood</b>	<b>Contribute</b>	<b>ATTRIBUTES</b> The product does not contain any tropical wood. The product is made of FSC® certified wood.
<b>MR</b>	<b>Environmentally Preferable Products</b> Maximum of 4 points depending on both options in the context of each project <b>Option 2: Environmentally Preferable Products</b> The product must meet at least one of these requirements: Content of reclaimed material, Postconsumer or Preconsumer, Wood product certification, Bio-based materials, Concrete with Fly ash or slag and Recycled content or Reclaimed aggregate and Extended producer responsibility. (The materials should meet the specific threshold requirements in the LEED for HOMES reference guide)	<b>Contribute</b>	<b>ATTRIBUTES</b> FSC® Certification: NC-CW-003089 Recycled content Pre-consumer: 49.21% - 82.01% Post-consumer: 0.00% - 32.81%

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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