



PARTICLEBOARD TAFIPAN / TAFIPAN-EVOLO

Tafisa® particleboard panels are manufactured using 100% recycled and recovered wood materials, meticulously selected to create high quality, consistent panels for furniture, millwork, cabinetry and countertops.

VALIDATED ECO-DECLARATION

PRODUCT SPECIFICATIONS

References

Particleboard Tafipan / Tafipan-Evolo

Final manufacturing location

4660, Villeneuve Street, Lac-Mégantic, (Quebec)
G6B 2C3, CANADA

Composition

Wood particles, adhesive, water, catalyst, and wax.

ATTRIBUTES

Recycled content

Pre-consumer: 51.34% - 87.96%
Post-consumer: 0.00% - 35.18%

Sourcing of raw materials

Data collection from suppliers has been conducted for the products components aligned with each specific environmental analysis.

Certified Wood

FSC® Certification: PBN-COC-003089
FSC® Certification: PBN-CW-003089

Rapidly renewable materials

-

Biobased materials

-

ENVIRONMENTAL IMPACTS

Life Cycle Assessment March 2022

Reference service life -

Product's carbon footprint -

Environmental Product Declaration

Product-specific (EPD) Type III
ISO 14025:2006 March 2022
to March 2027

INGREDIENTS AND EMISSIONS

Declaration of chemical ingredients 100 ppm

Type of declaration HPD® version 2.3
Health Product Declaration®
December 2022 to December 2025

Emissions test -

VOC -

Formaldehyde
<0.09 ppm for Tafipan.
<0.04 ppm for Tafipan-Evolo.

Others
Tafipan/Tafipan-Evolo are compliant with:
EPA TSCA Title VI / CARB 93120 ATCM / CEPA
SOR/2021-148
Tafipan-Evolo are compliant with:
EPA TSCA Title VI ULEF

TECHNICAL PERFORMANCES

Performance tests

ANSI A208.1, CAN/ULC S102
ASTM E84

MANUFACTURER'S ENVIRONMENTAL MANAGEMENT

Certification ISO 14001-2015: CERT 55149-1-04
Certification ISO 9001-2015: CERT 55148-1-04
Certification ISO 45001-2018: CERT 55150-1-04

Extended Product Responsibility -
(Take Back Program)

Corporate Sustainability Report -
(CSR: GRI, ISO 26000, BNQ 21000 or others)

CERTIFICATION(S) & CONFORMITIES



The mark of responsible forestry

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

Master Format: **06 42 00**
Validated Eco-Declaration: **VED20-1093-03**
Original issue date: **2021/08**
Period of validity: **2025/08 to 2026/08**

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ENVIRONMENTAL DATA SHEET

PARTICLEBOARD TAFIPAN / TAFIPAN-EVOLO



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	Building Product Disclosure and Optimization – Environmental Product Declaration (EPD) Option 1: Environmental Product Declaration (1 point) The product contributes to this credit due to the availability of a product specific EPD (Type III) and are valued as 1 whole product out of the 20 needed for the purposes of credit achievement.	Contribute	ENVIRONMENTAL IMPACTS Product-specific (EPD) Type III Compliant to ISO 14025:2006
MR	Building Product Disclosure and Optimization – Sourcing of Raw Materials Option 2: Leadership extraction practices (1 point) Product meets at least one of the responsible extraction criteria: recycled content, wood product certification, biobased materials, extended producer responsibility.	Contribute	ATTRIBUTES Pre-consumer: 51.34% - 87.96% Post-consumer: 0.00% - 35.18% and Certification FSC® Mix.
MR	Building Product Disclosure and Optimization – Material Ingredients Option 1: Material ingredients reporting (1 point) 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	INGREDIENTS AND EMISSIONS HPD® version 2.3 Health Product Declaration®
INDOOR ENVIRONMENTAL QUALITY		PRODUCT CONTRIBUTIONS	
EQ	Low-Emitting Materials Option 1: Product category calculation (1-3 points) 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.	Contribute	INGREDIENTS AND EMISSIONS The Tafipan-Evolo wood composite product is ULEF certified and meets the TSCA Title VI and/or CARB Phase 2 formaldehyde emissions requirements.

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 a desktop audit of the factory data, also an audit of the manufacturer's supply chain documentation, 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	
MR Prerequisite	Certified Tropical Wood	Contribute	ATTRIBUTES Tafipan / Tafipan-Evolo contains no tropical essences.
MR	Environmentally Preferable Products Maximum of 4 points depending on both options in the context of each project Option 2: Environmentally Preferable Products 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)	Contribute	ATTRIBUTES Pre-consumer: 51.34% - 87.96% Post-consumer: 0.00% - 35.18% and Certification FSC® Mix.
INDOOR ENVIRONMENTAL QUALITY		PRODUCT CONTRIBUTIONS	
EQ	Low-Emitting Materials (0.5-3 points) At least 90% of all materials in each category must comply with the California Department of Public Health Standard Method V1.1–2010, using CA Section 01350, Appendix B, New Single-Family Residence Scenario. Composite wood products must be constructed from materials documented to have low formaldehyde emissions that meet the California Air Resources Board requirements for ultra-low-emitting formaldehyde (ULEF) resins or no-added formaldehyde based resins (NAF).	Does not contribute	INGREDIENTS AND EMISSIONS The product was not tested and determined compliant in accordance with California Department of Public Health (CDPH) Standard Method (CDPH) v1.1-2010. However, the wood composite product meets the TSCA Title VI and/or CARB Phase 2 formaldehyde emissions requirements, and, for Tafipan-Evolo, is 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 a desktop audit of the factory data, also an audit of the manufacturer's supply chain documentation, 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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