



## 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   | ENVIRONMENTAL IMPACTS  | TECHNICAL PERFORMANCES   |
|--|--|--|
| <b>References</b><br>Particleboard Tafipan / Tafipan-Evolo   | <b>Life Cycle Assessment</b> March 2022  | <b>Performance tests</b><br>ANSI A208.1-2022, CAN/ULC S102<br>ASTM E84   |
| <b>Final manufacturing location</b><br>4660, Villeneuve Street, Lac-Mégantic, (Quebec) G6B 2C3, CANADA   | <b>Reference service life</b> -  | <b>MANUFACTURER'S ENVIRONMENTAL MANAGEMENT</b><br>Certification ISO 14001-2015: CERT 55149-1-02<br>Certification ISO 9001-2015: CERT 55148-1-02<br>Certification ISO 45001-2018: CERT 55150-1-02 |
| <b>Composition</b><br>Wood particules, adhesive, water, catalyst, and wax.   | <b>Product's carbon footprint</b> -  |  |
| <b>ATTRIBUTES</b>  | <b>Environmental Product Declaration</b><br>Product-specific (EPD) Type III<br>ISO 14025:2006 March 2022 to March 2027   | <b>Extended Product Responsibility</b> -<br>(Take Back Program)  |
|  | <b>Recycled content</b><br>Pre-consumer: 51.34% - 87.96%<br>Post-consumer: 0.00% - 35.18%  |  |
| <b>Sourcing of raw materials</b><br>Data collection from suppliers has been conducted for the products components aligned with each specific environmental analysis. | <b>INGREDIENTS AND EMISSIONS</b>   |  |
| <b>Certified Wood</b><br>FSC® Certification: NC-COC-003089<br>FSC® Certification: NC-CW-003089   | <b>Declaration of chemical ingredients</b> 100 ppm   |  |
| <b>Rapidly renewable materials</b> -   | <b>Type of declaration</b> HPD® version 2.3<br>Health Product Declaration®<br>December 2022 to December 2025   |  |
| <b>Biobased materials</b> -  | <b>Emissions test</b> -  |  |
|  | <b>VOC</b> -   |  |
|  | <b>Formaldehyde</b> <0.09 ppm for Tafipan.<br><0.04 ppm for Tafipan-Evolo.   |  |
|  | <b>Others</b><br>Tafipan/Tafipan-Evolo are compliant with EPA TSCA Title VI.<br>Tafipan/Tafipan-Evolo are compliant with CAN/CSA 0160-16.<br>Tafipan-Evolo is compliant with CARB Phase 2 ULEF according to CARB 93120 - ATCM. |  |

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: **06 42 00**  
 Validated Eco-Declaration: **VED20-1093-03**  
 Original issue date: **2021/08**  
 Period of validity: **2023/08 to 2024/08**

©Copyright 2016 Vertima inc.



# 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                           | <b>Building Product Disclosure and Optimization – Environmental Product Declaration (EPD)</b><br><b>Option 1: Environmental Product Declaration (1 point)</b><br>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            | <b>ENVIRONMENTAL IMPACTS</b><br>Product-specific (EPD) Type III<br>Compliant to ISO 14025:2006  |
| MR                           | <b>Building Product Disclosure and Optimization – Sourcing of Raw Materials</b><br><b>Option 2: Leadership extraction practices (1 point)</b><br>Product meets at least one of the responsible extraction criteria: recycled content, wood product certification, biobased materials, extended producer responsibility.   | Contribute            | <b>ATTRIBUTES</b><br>Pre-consumer: 51.34% - 87.96%<br>Post-consumer: 0.00% - 35.18%<br>and Certification FSC® Mix.  |
| MR                           | <b>Building Product Disclosure and Optimization – Material Ingredients</b><br><b>Option 1: Material ingredients reporting (1 point)</b><br>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><br>HPD® version 2.2<br>Health Product Declaration®   |
| INDOOR ENVIRONMENTAL QUALITY |   | PRODUCT CONTRIBUTIONS |   |
| EQ                           | <b>Low-Emitting Materials</b><br><b>Option 1: Product category calculation (1-3 points)</b><br>The number of points is dependent on the LEED® rating system and the number of compliant categories.<br>For the Composite Wood category, 100% of composite wood not covered by other categories must meet the Composite Wood Evaluation.                             | Contribute            | <b>INGREDIENTS AND EMISSIONS</b><br>The 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.

Validated Eco-Declaration:

**VED20-1093-03**

Period of validity:

**2023/08 to 2024/08**

©Copyright 2016 Vertima inc.



# ENVIRONMENTAL DATA SHEET

## PARTICLEBOARD TAFIPAN / TAFIPAN-EVOLO



### 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<br>Prerequisite           | <b>Certified Tropical Wood</b>   | Contribute            | <b>ATTRIBUTES</b><br>Tafipan / Tafipan-Evolo contains no tropical essences.  |
| MR                           | <b>Environmentally Preferable Products</b><br>Maximum of 4 points depending on both options in the context of each project<br><b>Option 2: Environmentally Preferable Products</b><br>The product must meet at least one of these requirements:<br>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.<br>(The materials should meet the specific threshold requirements in the LEED for HOMES reference guide) | Contribute            | <b>ATTRIBUTES</b><br>Pre-consumer: 51.34% - 87.96%<br>Post-consumer: 0.00% - 35.18%<br>and Certification FSC® Mix.   |
| INDOOR ENVIRONMENTAL QUALITY |  | PRODUCT CONTRIBUTIONS |  |
| EQ                           | <b>Low-Emitting Materials (0.5-3 points)</b><br>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.<br>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   | <b>INGREDIENTS AND EMISSIONS</b><br>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 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.

Validated Eco-Declaration:

**VED20-1093-03**

Period of validity:

**2023/08 to 2024/08**

©Copyright 2016 Vertima inc.

