



PARTICLEBOARD

Uniboard's particleboard stands out from the competition, thanks to its specially bonded, top-quality wood fibers, its smooth surface and exceptional machining ease, making it the ideal choice for commercial and residential applications. Manufactured at our state-of-the-art facilities across North America, Uniboard's particleboard is the perfect choice for designers, architects and manufacturers.

VALIDATED ECO-DECLARATION

PRODUCT SPECIFICATIONS	ENVIRONMENTAL IMPACTS	TECHNICAL PERFORMANCES
References Particleboard laminated or not laminated	Life Cycle Assessment -	Performance tests ANSI A208.1-2022/ASTM E84
Final manufacturing location Sayabec, Quebec G0J 3K0 Val-d'Or, Quebec J9P 5G6 CANADA	Reference service life -	
Composition Wood particles, UF resin, water, scavenger, catalyst, wax, and melamine-cellulose.	Product's carbon footprint -	
	Environmental Product Declaration Product-specific EPD, Type III, ISO 14025:2006 December 2023 to December 2028	MANUFACTURER'S ENVIRONMENTAL MANAGEMENT
		ISO 14001 Certification -
		Extended Product Responsibility - (Take Back Program)
		Corporate Sustainability Report - (CSR: GRI, ISO 26000, BNQ 21000 or others)
ATTRIBUTES	INGREDIENTS AND EMISSIONS	CERTIFICATION(S) & CONFORMITIES
Recycled content Pre-consumer: 83.7% - 86.5% Post-consumer: 0%	Declaration of chemical ingredients 100 ppm	 The mark of responsible forestry
Sourcing of raw materials Data collection from suppliers has been conducted for the products components aligned with each specific environmental analysis.	Type of declaration HPD® version 3.0 Health Product Declaration® Renewal in progress	 TSCA TITLE VI COMPLIANT
Certified Wood FSC Certified Wood FSC-C002807	Emissions test -	 SUSTAINABLE USE OF WOOD FIBER ECO-CERTIFIED FSC Standard 4-10
Rapidly renewable materials -	VOC -	
Biobased materials -	Formaldehyde ≤ 0.09 ppm for the non laminated product	
	Others The non laminated product is compliant with EPA TSCA Title VI	

Uniboard Canada Inc. is a leading North American manufacturer of engineered wood products, with installed capacity of over 660 million square feet of raw particleboard, high-density and medium-density fiberboard, of which over 50% is converted into value-added TFL.

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ENVIRONMENTAL DATA SHEET

PARTICULBOARD



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 is 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 Recycled Content: Pre-consumer: 83.7% - 86.5% Post-consumer: 0% FSC®- Certified (When specified)
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®. They are valued as 1 whole product out of the 20 needed for the purposes of credit achievement.	Renewal in progress	INGREDIENTS AND EMISSIONS HPD® version 3.0 Health Product Declaration®
INDOOR ENVIRONMENTAL QUALITY		PRODUCT CONTRIBUTIONS	
IEQ	Low-Emitting Materials 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 Composite Wood category, 100% of composite wood not covered by other categories must meet the Composite Wood Evaluation.	Does not contribute	INGREDIENTS AND EMISSIONS While the non laminated 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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ENVIRONMENTAL DATA SHEET

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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 Prere- quisite	Certified Tropical Wood All wood in the building must be nontropical, reused or reclaimed, or certified by the Forest Stewardship Council, or USGBC approved equivalent. For the purposes of this prerequisite, a tree species is considered tropical if it is grown in a location that lies between the Tropic of Cancer and the Tropic of Capricorn.	Contribute	ATTRIBUTES The product does not contain any tropical wood.
MR	Environmentally preferable products Option 2 : Environmentally preferable products (1 point) The product contains at least 25% post-consumer or 50% pre-consumer content. Wood products must be Forest Stewardship Council (FSC) Certified, or USGBC approved equivalent.	Contribute	ATTRIBUTES Recycled Content: Pre-consumer: 83.7% - 86.5% Post-consumer: 0% FSC®- Certified (100%) (When specified)
INDOOR ENVIRONMENTAL QUALITY		PRODUCT CONTRIBUTIONS	
IEQ	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. Also, 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.

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