



NU GREEN 2® PARTICLEBOARD

NU Green 2® Particleboard is a ULEF (Ultra-Low Emission Formaldehyde) raw particleboard. This new product is FSC® certified (Forest Steward Council®) for its chain of custody by Preferred by Nature and ECC™ certified (Eco-Certifies Composite) by the Composite Panel Association (CPA). It is made using 100% pre-consumer recycled or recovered wood fiber. Uniboard's NU Green 2® Particleboard is available in a wide array of melamine colors.

VALIDATED ECO-DECLARATION

PRODUCT SPECIFICATIONS

References

NU Green 2® Particleboard laminated or not laminated

Final manufacturing location

Sayabec, Quebec G0J 3K0
CANADA

Composition

Wood particles, MUF resin, water, scavenger, catalyst, and melamine-cellulose.

ATTRIBUTES

Recycled content

Pre-consumer: 82.9% - 85.6%
Post-consumer: 0%

Sourcing of raw materials

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

Certified Wood

FSC Certified
Wood FSC-C002807

Rapidly renewable materials

-

Biobased materials

-

ENVIRONMENTAL IMPACTS

Life Cycle Assessment

-

Reference service life

-

Product's carbon footprint

-

Environmental Product Declaration

Product-specific EPD,
Type III, ISO 14025:2006
December 2023
to December 2028

INGREDIENTS AND EMISSIONS

Declaration of chemical ingredients

100 ppm

Type of declaration

HPD® version 3.0
Health Product Declaration®
Renewal in progress

Emissions test

-

VOC

-

Formaldehyde

≤ 0.04 ppm for the non laminated product

Others

The non laminated
product is compliant with
EPA TSCA Title VI Ultra-Low Emission Formaldehyde
(ULEF)

TECHNICAL PERFORMANCES

Performance tests

ANSI A208.1-2022/ASTM E84

MANUFACTURER'S ENVIRONMENTAL MANAGEMENT

ISO 14001 Certification

-

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

TSCA
TITLE VI
COMPLIANT



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

NU GREEN 2® PARTICLEBOARD



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: 82.9% - 85.6% 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.	Contribute	INGREDIENTS AND EMISSIONS The non laminated 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 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: 82.9% - 85.6% 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. 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.

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