




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 NEPCo 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

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PRODUCT SPECIFICATIONS	ENVIRONMENTAL IMPACTS	TECHNICAL PERFORMANCES
References NU Green 2® Particleboard laminated or not laminated	Life Cycle Assessment -	Performance tests ANSI A208.1-2016/ ASTM E84
Final manufacturing location Sayabec, Quebec G0J 3K0 CANADA	Reference service life -	MANUFACTURER'S ENVIRONMENTAL MANAGEMENT
Components Wood particles, MUF resin, water, scavenger, catalyst and melamine-cellulose	Product's carbon footprint -	Certification ISO 14001 -
ATTRIBUTES	Environmental Product Declaration Industry-wide (generic) (Dec. 2018 to Nov. 2023) ISO 14025:2006, Type III The EPD excludes the laminated product.	Extended Producer Responsibility (Take Back Program) -
Recycled Content Pre-consumer: 82.9% - 85.6% Post-consumer: 0%	INGREDIENTS AND EMISSIONS	Corporate Sustainability Report (CSR : GRI, ISO 26000, BNQ 21000 or others) -
Sourcing of raw materials The origin and extraction location of raw materials have been documented for 82.9%-85.6% of the final product weight ratio.	Declaration of 1,000 ppm	CERTIFICATIONS AND CONFORMITIES
Certified Wood NC-COC-002726	Type of declaration HPD® version 2.1.1 Health Product Declaration® July 2019 to July 2022	  
Rapidly renewable materials -	Emission test -	FSC www.fsc.org FSC® C002807 The mark of responsible forestry
Biobased materials -	COV -	TSCA TITLE VI COMPLIANT
	Formaldehyde ≤ 0.04 ppm	ECO-CERTIFIED Eco-Standard 4x3B
	Others TSCA Title VI compliant Ultra-Low Emission Formaldehyde (ULEF) Certified	

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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Validated Eco-Declaration:

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Period of validity: **08/2021 to 08/2022**



ENVIRONMENTAL DATA SHEET

NU GREEN 2® PARTICLEBOARD



PRODUCT CONTRIBUTION SUMMARY

LEED® v4 requirements for Building Design + Construction (BD+C)
New Construction, Core and Shell, School, 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) NU Green 2® Particleboard contributes to this credit due to the availability of a industry-wide (generic) EPD (type III) and is valued as 1/2 whole product out of the 20 needed for purposes of credit achievement calculation.	Contribute	ENVIRONMENTAL IMPACTS Industry-wide (generic) EPD, Type III The EPD excludes the laminated product.
			ATTRIBUTES Recycled Content pre-consumer (83.7% - 86.5%) and FSC®- Certified (100%) (When specified)
MR	Building Product Disclosure and Optimization – Sourcing or Raw Materials Option2: Leadership extraction practices (1 point) May also contribute to the location valuation factor if the product is sourced (extracted, manufactured, purchased) within 160 km of the project site.	Contribute	INGREDIENTS AND EMISSIONS HPD® version 2.1.1

INDOOR ENVIRONMENTAL QUALITY		PRODUCT CONTRIBUTIONS	
EQ	Low-Emitting Materials Option 1: Product category calculation (1-3 points) ¹ Number of points is dependant 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 requirements.	Contribute ¹	INGREDIENTS AND EMISSIONS ULEF Certified and CARB Phase 2

LEED® v4 requirements for homes
Applies to single family homes, low-rise multi-family (one to three stories), or mid-rise multi-family (four to six stories); includes Homes and Multifamily Lowrise and Multifamily Midrise.

INDOOR ENVIRONMENTAL QUALITY		PRODUCT CONTRIBUTIONS	
MR Prereq 1	Certified Tropical Wood	Prerequisite	ATTRIBUTES Uniboard's product do not contain tropical species
MR Credit 2	Environmentally Preferable Products Option 2: Environmentally Preferable Products ² At least 90% of all materials in each category must meet credit requirements. NU Green 2® Particleboard contributes to 0.5 point for FSC® -Certified and to 0.5 point for Recycled Content.	Contribute ²	ATTRIBUTES Recycled Content pre-consumer (82.9% - 85.6%) and FSC®- Certified (100%) (When specified)

INDOOR ENVIRONMENTAL QUALITY		PRODUCT CONTRIBUTIONS	
EQ Credit 7	Low-Emitting Products ³ At least 90% of all materials in each category must meet credit requirements. NU Green 2® Particleboard contributes to 1point for CARB Phase 2 Compliant and ULEF Certified.	Do not contribute ³	INGREDIENTS AND EMISSIONS ULEF Certified and CARB Phase 2

It is important to note that the points identified above are linked with each of the credits where the product contributes as part of a LEED® v4 certification process. The product itself is only one element among others to reach the target score.

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