






NU GREEN MR50® MDF

NU Green MR50® MDF No Added Formaldehyde (NAF) medium density fiberboards is the most ecofriendly moisture resistant solution. This green, high-quality, versatile MDF is FSC® (Forest Stewardship Council®) certified for its chain of custody by NEPCo and an Eco-Certified Composite™ (ECC) by the composite Panel Association (CPA). It contains 100% of recycled and recovered wood fiber (pre-consumer). NU Green MR50® MDF is available in a wide array of melamine colours.

VALIDATED ECO-DECLARATION

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PRODUCT SPECIFICATIONS	ENVIRONMENTAL IMPACTS	TECHNICAL PERFORMANCES
References NU Green MR50® Medium Density Fiberboard (MDF) laminated or not laminated Mont-Laurier, Quebec J9L 3W3 Sayabec, Quebec G0J 3K0 Val-d'Or, Quebec J9P 5G6 CANADA	Life Cycle Assessment - Reference service life - Product's carbon footprint - Environmental Product Declaration Industry-wide (generic) (Dec. 2018 to Nov. 2023) ISO 14025:2006, TypeIII The EPD excludes the laminated product.	Performance tests ANSI A208.2-2016 /ASTM E84
Components Wood fibers, diisocyanate resin, water, wax and melamine-cellulose	INGREDIENTS AND EMISSIONS	MANUFACTURER'S ENVIRONMENTAL MANAGEMENT
ATTRIBUTES	Declaration of 1,000 ppm	Certification ISO 14001 -
Recycled Content Pre-consumer: 89.0% - 91.5% Post-consumer: 0%	Type of declaration HPD® version 2.1.1 Health Product Declaration® July 2019 to July 2022	Extended Producer Responsibility (Take Back Program) -
Sourcing of raw materials The origin and extraction location of raw materials have been documented for 89.0% - 91.5% of the final product weight ratio.	Emission test - COV -	Corporate Sustainability Report (CSR : GRI, ISO 26000, BNQ 21000 or others) -
Certified Wood NC-COC-002726	Formaldehyde ≤ 0.04 ppm	CERTIFICATIONS AND CONFORMITIES
Rapidly renewable materials -	Others TSCA Title VI compliant No-added Formaldehyde (NAF) Certified	 The mark of responsible forestry  
Biobased materials -		

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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MasterFormat®: **06 42 00**

Validated Eco-Declaration:

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Original issue date: **05/2016**

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



ENVIRONMENTAL DATA SHEET

NU GREEN MR50® MDF



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 MR50® MDF 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 (89.0% - 91.5%) 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 Health Product Declaration®
			ATTRIBUTES Recycled Content pre-consumer (89.0% - 91.5%) and FSC®- Certified (100%) (When specified)
MR	Building Product Disclosure and Optimization – Material Ingredients Option 1: Material ingredients reporting (1 point)	Contribute	ATTRIBUTES Recycled Content pre-consumer (89.0% - 91.5%) and FSC®- Certified (100%) (When specified)
			INGREDIENTS AND EMISSIONS HPD® version 2.1.1 Health Product Declaration®

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 NAF Certified and CARB Phase 2
			INGREDIENTS AND EMISSIONS NAF 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.

MATERIALS AND RESOURCES		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 MR50® MDF contributes to 0.5 point for FSC® - Certified and to 0.5 point for Recycled Content.	Contribute ²	ATTRIBUTES Recycled Content pre-consumer (89.0% - 91.5%) and FSC®- Certified (100%) (When specified)
			INGREDIENTS AND EMISSIONS NAF Certified and CARB Phase 2
EQ Credit 7	Low-Emitting Products ³ At least 90% of all materials in each category must meet credit requirements. NU Green MR50® MDF contributes to 1point for CARB Phase 2 Compliant and ULEF Certified.	Contribute ³	INGREDIENTS AND EMISSIONS NAF Certified and CARB Phase 2
			INGREDIENTS AND EMISSIONS NAF 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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