






MEDIUM DENSITY FIBERBOARD(MDF)

Our MDF is a medium density fiberboard that meets California Air Resource Board (CARB) requirements as well as those of the US EPA TSCA Title VI. This product is FSC® (Forest Stewardship Council®) certified for its chain of custody by NEPCo and ECC™ certified (Eco-Certified Composite) by the Composite Panel Association (CPA). It is made using 100% pre-consumer recycled and recovered wood fiber. Uniboard's MDF is available in a wide array of melamine colors.

VALIDATED ECO-DECLARATION

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PRODUCT SPECIFICATIONS	ENVIRONMENTAL IMPACTS	TECHNICAL PERFORMANCES
References Medium Density Fiberboard (MDF) laminated or not laminated	Life Cycle Assessment -	Performance tests ANSI A208.2-2016/ASTM E84
Final manufacturing location Mont-Laurier, Quebec J9L 3W3 Sayabec, Quebec G0J 3K0 Val-d'Or, Quebec J9P 5G6 CANADA	Reference service life -	MANUFACTURER'S ENVIRONMENTAL MANAGEMENT
Components Wood fibers, MUF resin, water, wax, scavenger 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, Typell The EPD excludes the laminated product.	Extended Producer Responsibility (Take Back Program) -
Recycled Content Pre-consumer: 81.4% - 83.7% 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 81.4% - 83.7% of the final product weight ratio.	Declaration of chemical ingredients 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 -	The mark of responsible forestry
Biobased materials -	COV	
	Formaldehyde ≤ 0.11 ppm	

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



ENVIRONMENTAL DATA SHEET

MEDIUM DENSITY FIBERBOARD (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) Medium Density Fiberboard (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 (81.4% - 83.7%) 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 (81.4% - 83.7%) 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 (81.4% - 83.7%) 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)	Do not contribute ¹	INGREDIENTS AND EMISSIONS ¹ CARB Phase 2 compliant but must be CARB NAF or ULEF compliant to contribute to credit requirements
			INGREDIENTS AND EMISSIONS HPD® version 2.1.1 Health Product Declaration®

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
			ATTRIBUTES Recycled Content pre-consumer (81.4% - 83.7%) and FSC®- Certified (100%) (When specified)
MR Prereq 2	Environmentally Preferable Products Option 2: Environmentally Preferable Products ² At least 90% of all materials in each category must meet credit requirements. Medium Density Fiberboard (MDF) contributes to 0.5 point for FSC®-Certified and to 0.5 point for Recycled Content.	Contribute ²	ATTRIBUTES Recycled Content pre-consumer (81.4% - 83.7%) and FSC®- Certified (100%) (When specified)
			INGREDIENTS AND EMISSIONS HPD® version 2.1.1 Health Product Declaration®

INDOOR ENVIRONMENTAL QUALITY		PRODUCT CONTRIBUTIONS	
EQ Credit 7	Low-Emitting Products At least 90% of all materials in each category must meet credit requirements.	Do not contribute ³	INGREDIENTS AND EMISSIONS ¹ CARB Phase 2 compliant but must be CARB NAF or ULEF compliant to contribute to credit requirements
			ATTRIBUTES Recycled Content pre-consumer (81.4% - 83.7%) and FSC®- Certified (100%) (When specified)

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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