





5 PLY DOOR ENVIRODESIGN™ SERIES 5-FD45/60/90

The 5 ply door FD, with a mineral core, is an interior wood door of high-quality and with added value developed and manufactured for the high-end residential, commercial, architectural and institutional markets.

VALIDATED ECO-DECLARATION

PRODUCT SPECIFICATIONS	ENVIRONMENTAL IMPACTS	TECHNICAL PERFORMANCES
References Mineral core (FD): 5-FD45-EME/ECE/EBE, 5-FD45-EME/ECE/EBE FSC, 5-FD60-EME/ECE/EBE, 5-FD60-EME/ECE/EBE FSC, 5-FD90-EME/ECE/EBE, 5-FD90-EME/ECE/EBE FSC.	Life Cycle Assessment - Reference service life - Product's carbon footprint - Environmental Product Declaration Product-specific EPD, Type III ISO 14025:2006 -	Performance tests Architectural Woodwork Standards, WDMA Series I.S.1-A.
Final manufacturing location Lambton, Quebec G0M 1H0 CANADA		MANUFACTURER'S ENVIRONMENTAL MANAGEMENT ISO 14001 Certification -
Composition Mineral core, fire-rated stiles and rails, HDF, veneer, hardwood edges, adhesives, UV finishes.	INGREDIENTS AND EMISSIONS Declaration of chemical ingredients 1 000 ppm	Extended Product Responsibility - (Take Back Program)
ATTRIBUTES Recycled content Pre-consumer: 20.0% Post-consumer: 0.0%	Type of declaration HPD® version 2.2 Health Product Declaration® September 2021 to July 2024	Corporate Sustainability Report - (CSR: GRI, ISO 26000, BNQ 21000 or others)
Sourcing of raw materials Data collection from suppliers has been conducted for the products components aligned with each specific environmental analysis.	Emissions test complies with CDPH Total VOC range: ≤ 0.5 mg/m3	CERTIFICATION(S) & CONFORMITIES  The mark of responsible forestry 
Certified Wood NC-COC-001082 (When specified)	VOC PVA Glue: 1.5 g/L - 24.0 g/L UV finishes: 5.5 g/L - 18.2 g/L (Factory-applied finishes)	
Rapidly renewable materials -	Formaldehyde NAF (Crossband HDF)	
Biobased materials -		

The mission of LAMBTON DOORS is to develop and manufacture high-quality, value-added interior wood doors and frames for the North American commercial, architectural and institutional markets.

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www.lambtondoors.com

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ENVIRONMENTAL DATA SHEET

DOOR 5-FD45/60/90 ENVIRODESIGN™

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 – Sourcing of Raw Materials Option 2: Leadership extraction practices (1 point) Requirements - Use products that meet at least one of the responsible extraction criteria: Recycled content, Wood products Certification, Bio-based materials, Extended producer responsibility.	Contribute	ATTRIBUTES FSC® Certified (when specified) Recycled content Pre-consumer: 20.0% Post-consumer: 0.0%
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.	Contribute	INGREDIENTS AND EMISSIONS HPD® version 2.2 Health Product Declaration®
INDOOR ENVIRONMENTAL QUALITY		PRODUCT CONTRIBUTIONS	
EQ	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 Ceilings, Walls, Thermal, and Acoustic Insulation category, 100 % of ceilings, walls, thermal, and acoustic insulation must meet the general emissions evaluation.	Contribute	INGREDIENTS AND EMISSIONS The product was tested and determined compliant in accordance with California Department of Public Health (CDPH) Standard Method (CDPH) v1.2-2017 for Private Office, School Classroom and Residence scenarios. Also, when specified, the wood composite product components meet the TSCA Title VI, formally CARB Phase 2, formaldehyde emissions requirements for ULEF resins or NAF resins.

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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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 Prereq 1	Certified Tropical Wood	Contribute	ATTRIBUTES The product is available without tropical wood.
MR Credit 2	Environmentally Preferable Products Option 1: Environmentally Preferable Products (1-4 points) The product contains at least 25% postconsumer or 50% preconsumer content. Wood products must be Forest Stewardship Council (FSC) Certified, or USGBC-approved equivalent.	Contribute	ATTRIBUTES FSC® Certified (when specified) Recycled content Pre-consumer: 20.0% Post-consumer: 0.0%
INDOOR ENVIRONMENTAL QUALITY		PRODUCT CONTRIBUTIONS	
EQ Credit 7	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. 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) v1.2-2017. It should be noted that, when specified, the wood composite product components meet the TSCA Title VI, formally CARB Phase 2, formaldehyde emissions requirements for ULEF resins or NAF resins.

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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