





## 5 PLY DOOR ENVIRODESIGN™ SERIES 5-AG/AG45

The 5 ply door AG, with an agrifiber 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
<b>References</b> Agrifiber core (AG): 5-FS/UFAG-EME/ECE/EBE, 5-FS/UFAG45-EME/ECE/EBE.	<b>Life Cycle Assessment</b> -	<b>Performance tests</b> Architectural Woodwork Standards, WDMA Series I.S.1-A, ASTM D5456, ANSI A208.1
<b>Final manufacturing location</b> Lambton, Quebec G0M 1H0 CANADA	<b>Reference service life</b> -	<b>MANUFACTURER'S ENVIRONMENTAL MANAGEMENT</b>
<b>Composition</b> Agrifiber core, HDF, SCL, veneer, hardwood edges, adhesives, UV finishes.	<b>Product's carbon footprint</b> -	<b>ISO 14001 Certification</b> -
<b>ATTRIBUTES</b>	<b>Environmental Product Declaration</b> Product-specific EPD, Type III ISO 14025:2006 -	<b>Extended Product Responsibility</b> - (Take Back Program)
<b>Recycled content</b> Pre-consumer: 73.8% Post-consumer: 0.0%	<b>INGREDIENTS AND EMISSIONS</b>	<b>Corporate Sustainability Report</b> - (CSR: GRI, ISO 26000, BNQ 21000 or others)
<b>Sourcing of raw materials</b> Data collection from suppliers has been conducted for the products components aligned with each specific environmental analysis.	<b>Declaration of chemical ingredients</b> -	<b>CERTIFICATION(S) &amp; CONFORMITIES</b>
<b>Certified Wood</b> NC-COC-001082 (When specified)	<b>Type of declaration</b> -	 
<b>Rapidly renewable materials</b> 58.6%	<b>Emissions test</b> -	
<b>Biobased materials</b> -	<b>VOC</b> PVA Glue: 1.5 g/L - 24.0 g/L UV finishes: 5.5 g/L - 18.2 g/L (Factory-applied finishes)	
	<b>Formaldehyde</b> NAF (Agrifiber core and crossband HDF)  CARB Exempt (Stiles and rails, SCL)	

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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# ENVIRONMENTAL DATA SHEET

DOOR 5-AG/AG45 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	
<b>MR</b>	<p><b>Building Product Disclosure and Optimization – Sourcing of Raw Materials</b></p> <p><b>Option 2: Leadership extraction practices (1 point)</b></p> <p>Requirements - Use products that meet at least one of the responsible extraction criteria: Recycled content, Wood products Certification, Bio-based materials, Extended producer responsibility.</p>	<b>Contribute</b>	<p><b>ATTRIBUTES</b></p> <p>FSC® Certified (when specified)</p> <p>Recycled content</p> <p>Pre-consumer: 73.8%</p> <p>Post-consumer: 0.0%</p>
INDOOR ENVIRONMENTAL QUALITY		PRODUCT CONTRIBUTIONS	
<b>EQ</b>	<p><b>Low-Emitting Materials</b></p> <p><b>Option 1: Product category calculation (1-3 points)</b></p> <p>Number of points is dependent on the LEED® rating system and the number of compliant categories.</p> <p>For the Ceilings, Walls, Thermal, and Acoustic Insulation category, 100 % of ceilings, walls, thermal, and acoustic insulation must meet the general emissions evaluation.</p>	<b>Does not Contribute</b>	<p><b>INGREDIENTS AND EMISSIONS</b></p> <p>The product was not tested and determined compliant in accordance with California Department of Public Health (CDPH) Standard Method (CDPH) v1.2-2017.</p> <p>In 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.</p>

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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DOOR 5-AG/AG45 ENVIRODESIGN™

## 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	
<b>MR</b> Prereq 1	<b>Certified Tropical Wood</b>	<b>Contribute</b>	<b>ATTRIBUTES</b> The product is available without tropical wood.
<b>MR</b> Credit 2	<b>Environmentally Preferable Products</b> <b>Option 1: Environmentally Preferable Products (1-4 points)</b> The product contains at least 25% postconsumer or 50% preconsumer content. Wood products must be Forest Stewardship Council (FSC) Certified, or USGBC-approved equivalent.	<b>Contribute</b>	<b>ATTRIBUTES</b> FSC® Certified (when specified) Recycled content Pre-consumer: 73.8% Post-consumer: 0.0%
INDOOR ENVIRONMENTAL QUALITY		PRODUCT CONTRIBUTIONS	
<b>EQ</b> Credit 7	<b>Low-Emitting Materials</b> <b>Option 1: Product category calculation (1-3 points)</b> 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).	<b>Does Not Contribute</b>	<b>INGREDIENTS AND EMISSIONS</b> 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.

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