

#### TECHNOLOGY DESIGN ENVIRONMENT

# ENVIRONMENTAL DATA SHEET









### 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**

#### References

Agrifiber core (AG): 5-FS/UFAG-EME/ECE/EBE, 5-FS/UFAG45-EME/ECE/EBE.

#### Final manufacturing location

Lambton, Quebec G0M 1H0 CANADA

#### Composition

Agrifiber core, HDF, SCL, veneer, hardwood edges, adhesives, UV fi nishes.

#### **ATTRIBUTES**

#### Recycled content

Pre-consumer: 73.8% Post-consumer: 0.0%

#### Sourcing of raw materials

Data collection from suppliers has been conducted for the products components aligned with each specific environmental analysis.

**Certified Wood** 

NC-COC-001082

58.6%

(When specified)

Rapidly renewable materials

Biobased materials

#### **ENVIRONMENTAL IMPACTS**

Life Cycle Assessment

Reference service life

Product's carbon footprint

#### **Environmental Product Declaration**

Product-specific EPD, Type III ISO 14025:2006

#### **INGREDIENTS AND EMISSIONS**

Declaration of

chemical ingredients

Type of declaration

**Emissions test** 

VOC

PVA Glue: 1.5 g/L - 24.0 g/L UV finishes: 5.5 g/L - 18.2 g/L

(Factory-applied finishes)

Formaldehyde

(Agrifiber core and crossband HDF)

CARB Exempt (Stiles and rails, SCL)

NAF

#### **TECHNICAL PERFORMANCES**

#### Performance tests

Architectural Woodwork Standards, WDMA Series I.S.1-A, ASTM D5456, ANSI A208.1

# MANUFACTURER'S ENVIRONMENTAL MANAGEMENT

ISO 14001 Certification

**Extended Product Responsibility** 

(Take Back Program)

Corporate Sustainability Report

(CSR: GRI, ISO 26000, BNO 21000 or others)

#### CERTIFICATION(S) & CONFORMITIES





The mark of esponsible forestry

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.

Master Format : **08 14 16**Validated Eco-Declaration : **VED17-1066-04** 

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DOOR 5-AG/AG45 ENVIRODESIGN™



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## PRODUCT CONTRIBUTION SUMMARY

#### LEED® v4 requirements for Building Design + Construction (BD+C)

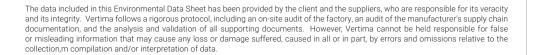
New Construction, Core and Shell, Schools, Retail, Data Centers, Warehouse and Distribution Centers, Hospitality and Healthcare.

#### 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: 73.8% Post-consumer: 0.0%
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.	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.  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.

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.







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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 multifamily 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: 73.8% 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.  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.

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.



