



ALUMINUM SIDING

Maibec's technology prints authentic textures of various materials from an exclusive high definition digital inkjet printing process. More specifically, this EDS covers the following aluminum siding planks:

Model names :

- 3" V Groove Plank (Profile V),
- 4" V Groove Plank (Profile V),
- 4" Flat Plank (Profile F),
- 6" V Groove Plank (Profile V),
- 6" Channel Plank (Profile C),
- 6" Flat Plank (Profile F),
- 8" Flat Plank (Profile F).

VALIDATED ECO-DECLARATION

PRODUCT SPECIFICATIONS	ENVIRONMENTAL IMPACTS	TECHNICAL PERFORMANCES
References 3" V Groove Plank (Profile V), 4" V Groove Plank (Profile V), 4" Flat Plank (Profile F), 6" V Groove Plank (Profile V), 6" Channel Plank (Profile C), 6" Flat Plank (Profile F), 8" Flat.	Life Cycle Assessment - Reference service life - Product's carbon footprint - Environmental Product Declaration ISO 14025:2006	Performance tests - ASTM D4060 - ASTM D6578 - ASTM G155 - ASTM E 84 - CAN/ULC-S102 - CAN/ULC S114-05/NFPA 285 - ISO 7895 - ASTM E330
Final manufacturing location 4000 Jean-Marchand street, suite 108, Quebec G2C 1Y6 CANADA	INGREDIENTS AND EMISSIONS Declaration of chemical ingredients 1 000 ppm Type of declaration HPD® version 2.3 Health Product Declaration® March 2024 to March 2027 Emissions test VOC 0 g/L-29g/L Formaldehyde - Others -	MANUFACTURER'S ENVIRONMENTAL MANAGEMENT ISO 14001 Certification - Extended Product Responsibility - (Take Back Program) Corporate Sustainability Report - (CSR: GRI, ISO 26000, BNQ 21000 or others)
Composition Aluminium, Finish, Inks and Paint.		CERTIFICATION(S) & CONFORMITIES
ATTRIBUTES Recycled content Pre-consumer: 0% Post-consumer: 0% Sourcing of raw materials Data collection from suppliers has been conducted for the products components aligned with each specific environmental analysis.		
Certified Wood - Rapidly renewable materials - Biobased materials -		

Maibec Inc. is a manufacturing company specialized in design, production and marketing of new high-end models of aluminum siding. Our technology replicates exclusive authentic textures of various materials from a high definition digital ink-jet printing process.

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https://maibec.com/en_us/

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ENVIRONMENTAL DATA SHEET

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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	<p>Building Product Disclosure and Optimization – Material Ingredients</p> <p>Option 1: Material ingredients reporting (1 point)</p> <p>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 calculation.</p>	Contribute	<p>INGREDIENTS AND EMISSIONS</p> <p>HPD® version 2.3 Health Product Declaration®</p>
INDOOR ENVIRONMENTAL QUALITY		PRODUCT CONTRIBUTIONS	
EQ	<p>Low-Emitting Materials</p> <p>Option 1: Product category calculation (1-3 points) (Inherently nonemitting sources)</p> <p>Products that are inherently nonemitting sources of VOCs (stone, ceramic, powder-coated metals, plated or anodized metal, glass, concrete, clay brick, and unfinished or untreated solid wood) are considered fully compliant without any VOC emissions testing if they do not include integral organic-based surface coatings, binders, or sealants.</p>	Contribute	<p>INGREDIENTS AND EMISSIONS</p> <p>Material type aluminum siding is excluded from the scope of this credit as it is an inherently nonemitting source.</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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