



Company Profile

Established in 1979 and incorporated in 1983, BRC Business Enterprises has grown into a leader in the research, development and manufacturing of high quality ergonomic furniture. BRC is a Canadian-owned private company with manufacturing facilities in Georgetown, Ontario, Canada. Bill Melnik, owner of BRC Business Enterprises Ltd. was an early pioneer in the research and development of adjustable workstation furniture in Canada. An engineering graduate of Queen's University, Bill has been working with public and private sector clients since 1985 to design and produce products which allow their employees to work productively and safely in their specific environments. His client list includes the top ranked North American companies in banking, finance and aerospace as well as leading educational institutions and government departments.

Bill Melnik has built BRC's business and reputation on his personal integrity, commitment to excellence and strong belief in sustainable, environmentally conscious, business practices. Under his leadership, BRC has become a forerunner in blending environmental initiatives with the manufacturing of renewable and recyclable products. Bill supports and endorses a North American, community strong, manufacturing base where today's youth are meaningfully employed and gain skills while mentored by experienced workers.

As a private Canadian corporation, BRC is concerned about the environmental impact of product design and all manufacturing processes, as well as with the content and recyclability of packaging materials. BRC adheres to the most stringent environmental standards published by the various government agencies across Canada and the United States. It will encourage any effort by employees to exceed these standards and provide a leadership role in environmental awareness.

BRC designs its products for maximum longevity by using commercial grade components such as metal brackets, threaded inserts, metal legs, steel frames and high density particleboard. These components, when assembled constitute a durable product that can withstand the challenges of the workplace for many years. In addition, all products are designed for easy installation of repair parts, precluding the necessity to replace the entire product. Metal to metal connections, heavy gauge steel components, polished and ground lead (lifting) screws and composite gears are examples of long life components in our products.

At BRC's manufacturing facility scrap wood, steel and cardboard are recycled when at all possible. These scrap products are collected at BRC and shipped to the appropriate recycling facility to be reprocessed and reused in various new products. All cardboard shipping cartons used by BRC have the highest possible recycled fiber content. At all major project installations, we remove all packaging materials and process them for recycling. Wherever possible, products are shipped bulk packed to reduce overall use of packaging materials or shipped blanket wrapped to completely eliminate the need for packaging. At BRC's facility a Blue Box program collects all recyclable materials. BRC is concerned about the office environment and indoor air quality of its clients. In all manufacturing processes, BRC uses products or processes that are certified to reduce VOC (volatile organic compound) emissions. Adhesives used are either water based or non-solvent dispersed to reduce product off gassing. For painting of metal components, BRC uses an electrostatic powder coating process that is virtually VOC free. In addition to VOC type emissions, BRC is very concerned about formaldehyde emissions and uses wood and wood based products that have negligible formaldehyde emissions.

The BRC Team works hard to earn and keep your business - our success depends on it. If you have any questions or inquires, please contact us at info@brc.group or toll free at 1-877-260-4309.

Warranty

BRC is pleased to offer one of the most competitive warranties in the industry. All furniture products carry a 12 year limited structural warranty. BRC furniture panel and table electrical cabling carry a three year limited warranty. All moving user adjustable components carry a five year limited structural warranty. All other electrical or electronic elements of BRC furniture carry a one year limited warranty.

For full warranty details, terms and conditions, please visit www.brc.group/warranty



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Corporate Outline

www.brc.group/environmental	SOCIAL RESPONSIBILITY	LEED INFORMATION	PRODUCT ATTRIBUTES	COMPLIANCE	CERTIFICATIONS	CORPORATE OUTLINE
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Facility

The BRC building is the foundation for a 250 KiloWatt PhotoVoltaic Commercial Rooftop Solar Generator that is building integrated in the sense that it is an extension of the building superstructure. It is expected to generate 365 megawatt/ hours of electricity annually and have a service life from between 30 to 50 years. It is comprised of 1628 190 watt solar modules with 21 string inverters distributed across the rooftop of the 34,400 sq ft facility.



Key Benefits of Solar Energy

- Renewable, consistent power source.
- Unlike fossil fuels, solar panels do not release anything into the air.
- Very reliable – no moving parts.
- Solar cells do not make noise while collecting energy.

Sustainability Policy

Design for the Environment

In conjunction with its environmental and quality policy BRC is committed to a healthy environment and sustainable business practices. Further to this, BRC strongly considers the materials, processes, and material sources during the design stage of new and existing products. BRC gives preference to materials, and sources that conserve energy and raw materials and offers products with a high degree of functionality through their working life and options for end of life repurpose or recycling. Wherever feasible the BRC design team selects products that come from renewable, recycled, recyclable, or biodegradable sources.

Design for Durability / Upgradeable Policy

BRC designs products that are functional and durable with a long useful life for end users. All components are designed to be field serviced or replaced as necessary. Where possible BRC includes universal handling in the design to permit field reversibility, making the need to order new products for office reconfigurations unnecessary. BRC utilizes common parts across much of the product offering to maintain a high degree of continuity.

Zero Waste

BRC is committed to reduction of solid waste from its facility, specifically from fabrication or assembly of components. Its goal is to eliminate all non-reusable solid waste from these production streams by the end of the 2020 fiscal year. BRC will monitor progress through annual data collection and analysis.

Energy Policy and Efficient Purchasing

BRC has established a goal of zero Greenhouse Gas emission by the year 2030. In conjunction with its environmental management system, it has established targets and objectives for the future and monitor its progress towards these targets. BRC measures the CO2 emissions produced from its manufacturing operations and from this data implements strategies to reduce energy consumption and shift its energy dependence towards renewable energy sources. Currently BRC has a 250 kilowatt solar generator which it uses to support its energy reduction goals. BRC has also investigated methods to reduce energy consumption, by exploring new lighting technologies, substituting more energy efficient equipment for older less efficient equipment, and employing other programs such as planned energy events to limit production during peak times to lessen production of CO2 and consumption of energy during critical demand periods.

Health and Safety

BRC is committed to the health and safety of all employees, contractors and visitors who are working for, or are visiting its facility. As such, its goal is to have a zero accident rate. It believes that all accidents are preventable, and with appropriate training, orientation, and health and safety programs, as well as regulatory compliance. The health and safety policy is reviewed by the Joint Health and Safety Committee annually as are other health and safety policies when and as required. The health and safety policy is posted on the employee communication board, and it is also available on the common network drive for employee access. Further information can be obtained through a department manager.

Chemical Management

As part of its commitment to employee health and safety, and that of its customers, BRC is committed to regularly evaluate the chemicals that it uses within its production processes and facility to look for opportunities to reduce, replace or eliminate chemicals of concern. BRC maintains an inventory of chemicals that it uses to track, properly store and dispose of chemicals of concern. Only authorized employees may requisition chemical products and any new chemical products will be added to the chemical inventory and tracked as appropriate. All chemicals on the inventory list will have SDS sheets in printed form, and will also be archived in digital format for easy retrieval.

Social Responsibility Policy

Part of BRC's continued success is rooted in the people that make up its company. As it sets its sights on growth, it too must grow its people resources. To that end BRC is committed to invest in employee education, through training, cross training, product training and other development initiatives. Its employees are a valuable asset to its organization, and it chooses to invest energy into further developing their knowledge and skills.

Corporate Ethics

BRC employees engage with vendors and customers in a legitimate transparent nature. Employees shall not accept gifts, for favours of value or receive any other item or monetary compensation for activities outside of a normal business transaction. Its employees will comply with any laws or regulations applicable to the conduct of its business. In addition, BRC employees will not trade in or acquire securities of, or have any ownership or interest in companies that have been awarded business or material contracts from BRC.

Labour and Human Rights

BRC is committed to respect the basic human rights of its employees and associates. BRC commits to providing decent work hours, wages, conditions as well as upholding all regulatory requirements related to forced, compulsory or child labour.

Equal Employment Opportunity

BRC is an equal opportunity employer. No person will be excluded based on the grounds of age, race, colour, creed, sex, sexual orientation, ancestry, place of origin, citizenship, marital or family status, disability or record of offenses. This policy applies to recruitment and hiring practices but also includes placement, promotion, transfer rate of pay and termination .

Community Engagement

BRC values its community and its place within it. To demonstrate this value, BRC looks for ways to contribute to the community including, donations, volunteerism, sponsorship or participation. Along with this commitment it encourages its employees to do their part to be responsible citizens of the community, by engaging in local events, fundraisers, community programs and conservation efforts.

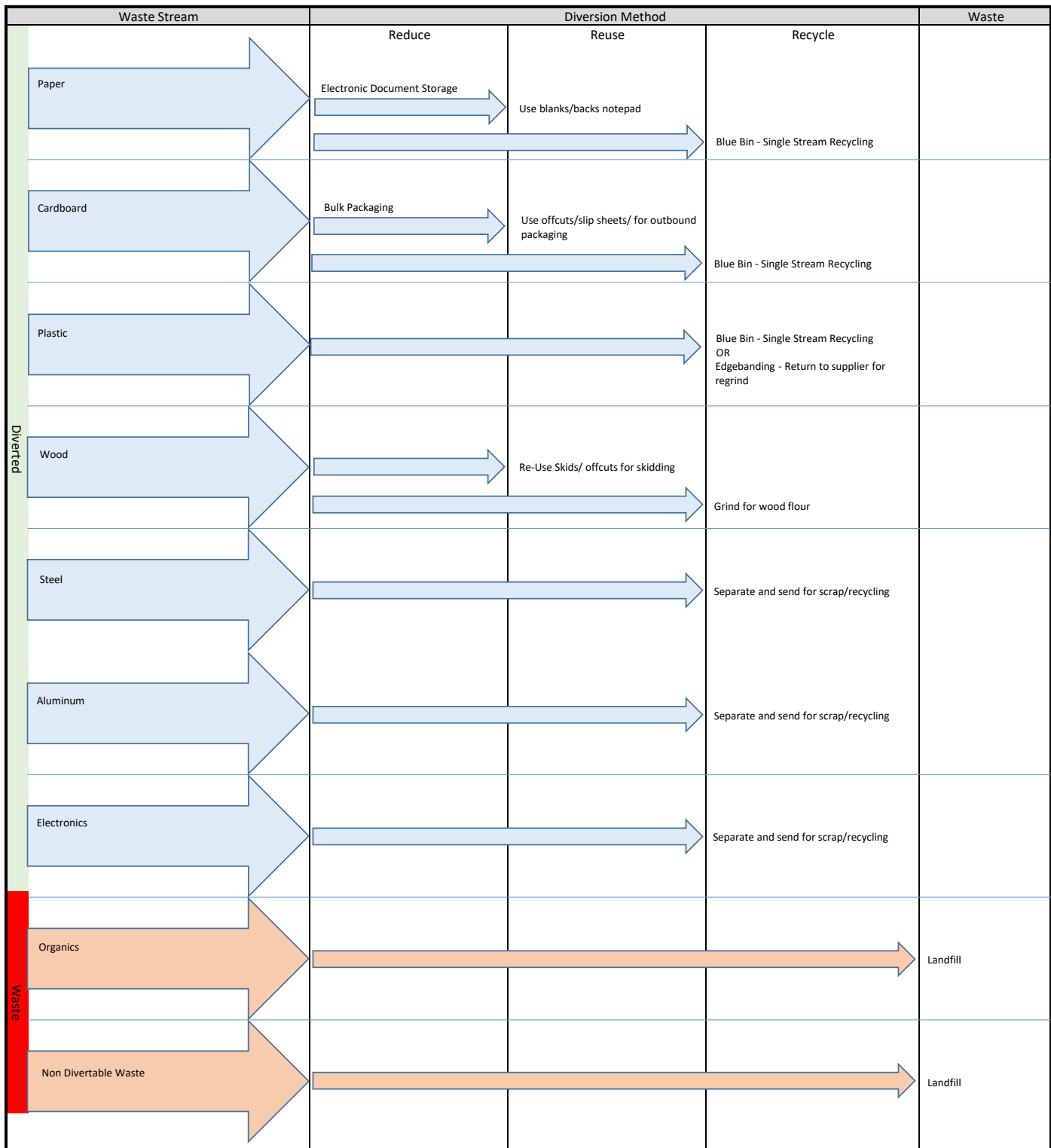
Environmental & Quality Policy

BRC Business Enterprises is committed to the continued development of sustainable business practices and considers the goal of balancing its environmental, economic and social aspirations to be the foremost guiding principle in determining its future as a corporate citizen.

Within the context of BRC as a manufacturer and provider of services related to its products, its environmental and quality policy is as follows:

- To maintain and comply with the terms of an internationally accepted Quality Management System and Environmental Management System.
- To continuously improve its processes and the effectiveness of its programs through an organized system with attention to the prevention of pollution, reducing waste and minimizing energy consumption.
- To design, develop and continuously improve products and services for extended life use and durability.
- To use, wherever possible, materials with a high recycled component.
- To design and develop products with high degrees of reclaim ability.
- To comply with any and all applicable legal requirements and BIFMA requirements relating to its environmental aspects.
- To regularly and openly communicate its policies with customers, suppliers, employees and stakeholders.
- To regularly review, and revise as necessary, its quality and environmental objectives and goals.
- To have within its Environmental and Quality System a “cost of quality” objective of less than 2% and hence an internal driving force to maintain and fuel increasing levels of quality commitment.
- To have its Environmental and Quality System enhance company and personal pride, increase long term stability and growth for all employees and provide a basis for sustainability.

Waste Streams & Diversion Methods



CFC/PBDE Statement

July, 2024

This statement is to certify that BRC Business Enterprises Ltd. does not use any CFC's (Chlorofluorocarbons) or PBDE's (Polybrominated diphenyl ethers) in its manufacturing facilities.

Additionally, based on the information provided to BRC by it's suppliers, BRC is confident that none of it's suppliers use CFC's or PBDE's beyond any recognized standard.



Certifications

Clean Air Certificate for Casegoods



Intertek does hereby certify that an independent assessment has been conducted on behalf of

BRC GROUP

Certificate Number: CA-52941-2024aX
Certificate Issue Date: 23 September 2025

Certification valid until: 31 December 2025

Applicant Address: 24 Armstrong Ave
Georgetown, ON L7G4R9 Canada

Product Category: Furniture, Casegoods

Product Details: See Appendix

Conformance Criteria: ANSI/BIFMA e3-2019, Sections 7.6.1, 7.6.2: Private Office

Issuing Office Name & Address: Intertek Testing Services NA, Inc.
4700 Broadmoor Ave SE, Suite 200
Kentwood, MI 49512 USA
Ph: +1-616-656-7401


Faye Ricker
Certification Officer
23 September 2025



Certificate Appendix

BRC GROUP

Certificate Number: CA-52941-2024aX

Product Type	Storage, Files
Model Name(s)	Emotion Series SoHo, FIL Series Desk Height Credenzas, FIL Series Low Storage Credenzas, FIL Series Low Storage Add on, FIL Series Pedestals, FIL Series Wall Mounted Storage, FIL Series Desk Hutch, FIL Series Filing, FIL Series Storage, FIL Series Bookcases, FIL Series Waste Cabinets, FIL Series Integrated HAT Cabinets, FIL Modesty Panels, FIL Series Lockers, Natural Series Desk Height Credenzas, Natural Series Low Storage Credenzas, Natural Series Low Storage Add on, Natural Series Pedestals, Natural Series Wall Mounted Storage, Natural Series Desk Hutches, Natural Series Filing, Natural Series Storage, Natural Series Bookcases, Natural Series Waste Cabinets, Natural Series Integrated HAT Cabinets, Natural Series Islands, Natural Series Lockers, Natural Series Modesty Panels, Natural Series Waste Cabinets, Natural Series Elements Wall Panels
Product Restrictions	None

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. This certificate is valid only for the specific product model(s), batch, or lot number(s) listed. It is not transferable to other products, even if they are similar in nature. Intertek reserves the right to revoke or modify this certificate if, for example, it is determined that the information provided was inaccurate, incomplete or if the product(s) are found to be non-compliant with applicable safety standards.

The Intertek Clean Air Program is Accredited to ISO/IEC 17065 by ANAB (ANSI National Accreditation Board).
Intertek Testing Services NA, Inc. SFT-CLEAN AIR-OP-19c (April-2025)

Clean Air Certificate for Tables



Intertek does hereby certify that an independent assessment has been conducted on behalf of

BRC GROUP

Certificate Number: CA-52941-2024bX
Certificate Issue Date: 23 September 2025

Certification valid until: 31 December 2025

Applicant Address: 24 Armstrong Ave
Georgetown, ON L7G4R9 Canada

Product Category: Furniture, Tables

Product Details: See Appendix

Conformance Criteria: ANSI/BIFMA e3-2019, Sections 7.6.1, 7.6.2, 7.6.3: Private Office

Issuing Office Name & Address: Intertek Testing Services NA, Inc.
4700 Broadmoor Ave SE, Suite 200
Kentwood, MI 49512 USA
Ph: +1-616-656-7401


Faye Ricker
Certification Officer
23 September 2025



Certificate Appendix

BRC GROUP

Certificate Number: CA-52941-2024bX

Product Type	Height adjustable, Bases/Tops
Model Name(s)	Disc Base Tables; Fit Tables, Emotion Series Viva; Emotion Series Mesa; Emotion Series Mesa Wall Mount; FIL Series Bases; Natural Series Bases; Nova Tables; Panel Base Tables Series; Parsons + Console Tables; Media Tables Series; Meeting, Casual, Occasional Table Series; Training Tables Series
Product Restrictions	None

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The Intertek Clean Air Program is Accredited to ISO/IEC 17065 by ANAB (ANSI National Accreditation Board).
Intertek Testing Services NA, Inc. SFT-CLEAN AIR-OP-19c (April-2025)

Clean Air Certificate for Systems



Intertek does hereby certify that an independent assessment has been conducted on behalf of

BRC GROUP

Certificate Number: CA-52941-2024dX
Certificate Issue Date: 23 September 2025

Certification valid until: 31 December 2025

Applicant Address: 24 Armstrong Ave
Georgetown, ON L7G4R9 Canada

Product Category: Furniture, Tables

Product Details: See Appendix

Conformance Criteria: ANSI/BIFMA e3-2019, Sections 7.6.1, 7.6.2: Private Office

Issuing Office Name & Address: Intertek Testing Services NA, Inc.
4700 Broadmoor Ave SE, Suite 200
Kentwood, MI 49512 USA
Ph: +1-616-656-7401


Faye Ricker
Certification Officer
23 September 2025



Certificate Appendix

BRC GROUP

Certificate Number: CA-52941-2024dX

Product Type	Desking, Components, Panels
Model Name(s)	Emotion Series NoLita, FIL Series Accessories, FIL Series Conference, FIL Series Cushions, FIL Series Desks, FIL Series Extended Corner Tables, FIL Series Gallery Panels, FIL Series Pedestal Desks, FIL Series Planter Top, FIL Series Reception, FIL Series Study Carrels, FIL Series Tables, FIL Series Tackboard, FIL Series Worksurfaces, Natural Series Conference, Natural Series Cushions, Natural Series Desks, Natural Series Extended Corner Tables, Natural Series Gallery Panels, Natural Series Pedestal Desks, Natural Series Planter Top, Natural Series Reception, Natural Series Study Carrels, Natural Series Islands, Natural Series Tables, Natural Series Tackboard, Natural Series Worksurfaces
Product Restrictions	Complete system modelling conforms to Sections 7.6.1, 7.6.2: Open Plan and Private Office, 7.6.3: Private Office.

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. This certificate is valid only for the specific product model(s), batch, or lot number(s) listed. It is not transferable to other products, even if they are similar in nature. Intertek reserves the right to revoke or modify this certificate if, for example, it is determined that the information provided was inaccurate, incomplete or if the product(s) are found to be non-compliant with applicable safety standards.

The Intertek Clean Air Program is Accredited to ISO/IEC 17065 by ANAB (ANSI National Accreditation Board).
Intertek Testing Services NA, Inc. SFT-CLEAN AIR-OP-19c (April-2025)

Compliance

TSCA Title 6 Statement

Statement

BRC will source materials through mills that are certified TSCA title 6 compliant. All purchase orders for these materials will be marked with the following statement.

All wood products must be TSCA Title 6 Compliant, formaldehyde emissions must not exceed 0.09ppm.

Background

The Environmental Protection Agency (EPA) is issuing a final rule to implement the Formaldehyde Standards for Composite Wood Products Act, which added Title VI to the Toxic Substances Control Act (TSCA). The purpose of TSCA Title VI is to reduce formaldehyde emissions from composite wood products, which will reduce exposures to formaldehyde and result in benefits from avoided adverse health effects. This final rule includes formaldehyde emission standards applicable to hardwood plywood, medium-density fiberboard, and particleboard, and finished goods containing these products, that are sold, supplied, offered for sale, or manufactured (including imported) in the United States. This final rule includes provisions relating to, among other things, laminated products, products made with no-added formaldehyde resins or ultra low-emitting formaldehyde resins, testing requirements, product labeling, chain of custody documentation and other record keeping requirements, enforcement, import certification, and product inventory sell-through provisions, including a product stockpiling prohibition. This final rule also establishes a third-party certification program for hardwood plywood, medium-density fiberboard, and particleboard and includes procedures for the accreditation of third-party certifiers and general requirements for accreditation bodies and third-party certifiers.

Above Excerpt Reference: <https://www.regulations.gov/document?D=EPA-HQ-OPPT-2016-0461-0001>

Labelling and Forms

The following declaration “All BRC finished goods are manufactured using TSCA title VI compliant materials” is printed on the following forms and labels.

- Product Warranty Label
- Delivery Note Form
- Bill of Lading Form

Formaldehyde Emissions Grademark Certification Program **CERTIFICATE OF COMPLIANCE**



Composite Panel Association
19465 Deerfield Ave, Suite 306, Leesburg, VA 20176

Hereby Affirms That

UNIBOARD CANADA INC.
2700 JEAN JACQUES COSSETTE, VAL D'OR, QUEBEC, CANADA J9P 5G6

Fulfills the Requirements of:

U.S. EPA TSCA Title VI (40 CFR Part 770)
Formaldehyde Emission Standards for Composite Wood Products

SCOPE OF CERTIFICATION

Particleboard (IN1, IN2, IN3 and IN5)

Mill 209

Renewed: August 15, 2022; Expires: August 15, 2024

To verify continued certification, visit www.CertifiedbyCPA.org

Email certification@cpamail.org

Brian T. Sause
Director – Certification and Industry Affairs

Formaldehyde Emissions Grademark Certification Program **CERTIFICATE OF COMPLIANCE**



Composite Panel Association
19465 Deerfield Ave, Suite 306, Leesburg, VA 20176

Hereby Affirms That

TAFISA CANADA INC.
4660 VILLENEUVE ST, LAC-MEGANTIC, QUEBEC, CANADA G6B 2C3

Fulfills the Requirements of:

U.S. EPA TSCA Title VI (40 CFR Part 770)
Formaldehyde Emission Standards for Composite Wood Products

SCOPE OF CERTIFICATION
Particleboard (iN1, iN5, iN6, iN7, and iN8)

Mill 216

Renewed: June 17, 2022; Expires: June 17, 2024
To verify continued certification,
visit www.CertifiedbyCPA.org

Brian T. Sause
Director – Certification and Industry Affairs

Formaldehyde Emissions Grademark Certification Program **CERTIFICATE OF COMPLIANCE**



Composite Panel Association
19465 Deerfield Ave, Suite 306, Leesburg, VA 20176

Hereby Affirms That

PANOLAM INDUSTRIES INTERNATIONAL INC.
MUSKOKA ROAD 3, HUNTSVILLE, ONTARIO, CANADA P1H 2J7

Fulfills the Requirements of:

U.S. EPA TSCA Title VI (40 CFR Part 770)
Formaldehyde Emission Standards for Composite Wood Products

SCOPE OF CERTIFICATION

Particleboard (IN5 L1 and IN7 L2)

Mill 208

Renewed: June 16, 2022; Expires: June 16, 2024
To verify continued certification,
visit www.CertifiedbyCPA.org

Brian T. Sause
Director – Certification and Industry Affairs

Formaldehyde Emissions Grademark Certification Program **CERTIFICATE OF COMPLIANCE**



Composite Panel Association
19465 Deerfield Ave, Suite 306, Leesburg, VA 20176

Hereby Affirms That

ARAUCO NORTH AMERICA
2550 OLD SALEM RD NE, ALBANY, OREGON 97321

Fulfills the Requirements of:

U.S. EPA TSCA Title VI (40 CFR Part 770)
Formaldehyde Emission Standards for Composite Wood Products

SCOPE OF CERTIFICATION

Particleboard (DRC, FRT, IND L3 and IND L4)

Mill 007

Renewed: March 10, 2022; Expires March 10, 2024
To verify continued certification,
visit www.CertifiedbyCPA.org

Brian T. Sause
Director – Certification and Industry Affairs

TSCA Title 6 Statement - Formica

ENVIRONMENTAL PRODUCT DECLARATION

FORMICA® HIGH PRESSURE LAMINATE



Formica® Brand Laminate offers a broader range of looks than ever before. Transform spaces with our modern laminates that are as beautiful as they are durable. Mix and match solids, graphic patterns and finishes.

The functional unit is 1 m² (10.76 ft²) of product for a usage of 10 years.



At Formica Corporation, we continually strive to create innovative products that support sustainable design and contribute to a healthier environment. We are committed to a long-term planning horizon that includes becoming an industry-leading environmental steward.

As the inventor of high pressure laminate, Formica Corporation has always worked to provide innovative, high quality products. Efficient use of resources is at our core, and we have taken many steps to improve our environmental footprint - from reusing the water in our presses to incorporating recycled materials into our surfacing products. As part of our new sustainability approach, Formica Corporation will publish its environmental impact data every year, as well as our targets and initiatives for the coming year.



ENVIRONMENTAL PRODUCT DECLARATION



FORMICA® BRAND LAMINATE
HIGH PRESSURE LAMINATES

According to ISO 14025

This declaration is an environmental product declaration (EPD) in accordance with ISO 14025. EPDs rely on Life Cycle Assessment (LCA) to provide information on a number of environmental impacts of products over their life cycle. Exclusions: EPDs do not indicate that any environmental or social performance benchmarks are met, and there may be impacts that they do not encompass. LCAs do not typically address the site-specific environmental impacts of raw material extraction, nor are they meant to assess human health toxicity. EPDs can complement but cannot replace tools and certifications that are designed to address these impacts and/or set performance thresholds – e.g. Type 1 certifications, health assessments and declarations, environmental impact assessments, etc. Accuracy of Results: EPDs regularly rely on estimations of impacts, and the level of accuracy in estimation of effect differs for any particular product line and reported impact. Comparability: EPDs are not comparative assertions and are either not comparable or have limited comparability when they cover different life cycle stages, are based on different product category rules or are missing relevant environmental impacts. EPDs from different programs may not be comparable.



PROGRAM OPERATOR	UL Environment 333 Pfingsten Road Northbrook, IL 60611
DECLARATION HOLDER	General Program Instructions v2.5 March 2020
DECLARATION NUMBER	4789852082.101.1
DECLARED PRODUCT	Formica® Brand Laminate
REFERENCE PCR	Residential Countertops NSF 2021
REFERENCE PCR STANDARD	☐ EN 15804 (2012) ☐ ISO 21930 (2007) ☒ ISO 21930 (2017)
DATE OF ISSUE	10/1/2021
PERIOD OF VALIDITY	5 Years
CONTENTS OF THE DECLARATION	Product definition and information about building physics Information about basic material and the material's origin Description of the product's manufacture Indication of product processing Information about the in-use conditions Life cycle assessment results Testing results and verifications
The PCR review was conducted by:	NSF International
	NSF PCR Review Committee
	ncss@nsf.org
This declaration was independently verified in accordance with ISO 14025 by Underwriters Laboratories ☐ INTERNAL ☒ EXTERNAL	James H. Mellentine
	James Mellentine, Thrive ESG
This life cycle assessment was independently verified in accordance with ISO 14044 and the reference PCR by:	James H. Mellentine
	James Mellentine, Thrive ESG

ENVIRONMENTAL PRODUCT DECLARATION



FORMICA® BRAND LAMINATE
HIGH PRESSURE LAMINATES

According to ISO 14025

About Formica Corporation

Formica Corporation is a leading provider of branded, designed surfacing solutions for commercial and residential customers worldwide. As the world's largest manufacturer of High Pressure Laminate (HPL), our international network of design, manufacturing, distribution and sales operations maintains the recognition of Formica® as a global brand.

The heritage and brand reputation of Formica Corporation has been founded on quality, service and innovative product lines. We have developed an unrivaled expertise that ensures products meet the needs of their applications — as well as market demands.

At Formica Corporation, we continually strive to create innovative products that support sustainable design and contribute to a healthier environment. We are committed to a long-term planning horizon that includes becoming an industry-leading environmental steward.

Working closely with architects, designers and developers, the company is strategically positioned to offer new products and surfacing solutions that complement current design trends. Our ongoing product design and development process underscores our commitment to innovation.

In addition, we provide our homeowner customers with the surfacing materials they need, whether it's laminate countertops for a kitchen renovation, a vanity top for a bathroom remodel, DIY cabinet refacing, or countless other projects.

About Formica® Brand Laminate

Product Description

Formica® Brand Laminates are comprised of paper, melamine resin impregnated surface sheets and phenolic resin impregnated core structural components. The layers are pressed under high temperatures and pressures where polymerization and consolidation takes place. There is an extra tough, scuff and mar resistant Elite Form technology that is applied to the melamine surface prior to pressing. This provides for a stain resistant, maintenance free and easy cleaning countertop.

Formica® Brand Laminates can be used for private and residential housing, hospitals and laboratories, public buildings, railway stations, airport terminals/infrastructure, transportation, hotels, education, retail and commercial buildings, sport & recreation centers and industrial buildings. The performance properties of Formica® Brand Laminates make them suitable for use in a wide variety of interior applications such as: wall cladding, railing infill panels, furniture, tables, desks, column cladding and lab equipment, cubicles, ceilings, window sills, worktops, counter tops, wash basins, etc.

Fabricators including postforming shops apply the HPL to the surface of particleboard to make countertops using Contact or PVA adhesives. Options include various edge profiles, backsplashes, undermount or top mount drop-in sinks, hundreds of Formica® designs and many finishes. Countertops are cut to size and used in commercial and residential kitchens, break rooms, bars and restaurants.

In residential application, Formica® Brand Laminates are offered notably for thicknesses of 0.9 mm (0.035") and 0.7mm (0.027"). Assembled to a particleboard they can be used to manufacture countertops.

This study refers to countertops made from a 0.035"/0.027" average Formica® Brand Laminate bonded to a particleboard. The final countertop is 19.05mm (3/4") thick, and includes front edge and backsplash. The area weights are respectively 14.71 kg/m² for countertops with 0.035" HPL and 14.54 kg/m² for the ones with 0.027" HPL.

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Product Characteristics and performance

Formica® Brand Laminate products conform to the following characteristics:

- NSF/ANSI 35 High Pressure Decorative Laminates for Food Surfacing Equipment
- Greenguard Gold UL 2818 - 2013 Chemical Emissions for Building Materials, Finishes and Furnishings
- FSC Forest Stewardship Council®
- ANSI / NEMA STANDARDS PUBLICATION — LD3- 2005

Characteristic	Nominal value	Unit
Primary material thickness (Formica®)	0.7-0.9 (0.027-0.035)	mm (inch)
Final countertop thickness	19 (0.75)	mm (inch)
Countertop length	2,286 (7.5)	mm (feet)
Countertop width	648 (25.5)	mm (inch)
Countertop weight	14.5-14.7 (47.7-48.2)	kg/m ² (lb/ft ²)
Countertop density	743 (46)	kg/m ³ (lb/ft ³)
Use rating	Residential/Commercial	
Substrate type	Particleboard	
VOC emissions test method	CDPH Standard Method V1.2-2017	

Table 1: Product characteristics for countertops made from Formica® Brand Laminate.

Additional characteristics	Nominal value	Test Method
Appearance	Pass	ANSI/NEMA LD 3, 3.1 Appearance
Surface finish	Variable	ANSI/NEMA LD 3, 3.2 Surface Finish
Light resistance rating	Variable	ANSI/NEMA LD 3, 3.3 Light Resistance
Cleanability rating	Pass	ANSI/NEMA LD 3, 3.4 Cleanability
Stain rating	Pass	ANSI/NEMA LD 3, 3.4 Stain 1-10 ANSI/NEMA LD 3, 3.4 Stain 11-15
Boiling water resistance rating	Pass	ANSI/NEMA LD 3, 3.5 Boiling Water Resistance
High temperature resistance rating	Pass	ANSI/NEMA LD 3, 3.6 High Temperature Resistance
Scratch resistance	Pass	ANSI/NEMA LD 3, 3.7 Scratch Resistance
Ball impact resistance	Pass	ANSI/NEMA LD 3, 3.8 Ball Impact Resistance (mm or inch)
Dart impact resistance	Pass	ANSI/NEMA LD 3, 3.9 Dart Impact Resistance (mm or inch)
Radiant heat resistance	Pass	ANSI/NEMA LD 3, 3.10 Radiant Heat Resistance (Coil and Strip Methods) (sec.)
Dimension change	Pass	ANSI/NEMA LD 3, 3.11 Dimensional Change (%)
Room temperature dimensional stability	Pass	ANSI/NEMA LD 3, 3.12 Room Temperature Dimensional Stability (%)
Wear resistance	Pass	ANSI/NEMA LD 3, 3.13 Wear Resistance (cycles)
Other characteristics	GREENGUARD and GREENGUARD gold certification	

Table 2: Product performance results for Formica® Brand Laminate.

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Material composition

Formica® Brand Laminates are comprised of paper, melamine resin impregnated surface sheets and phenolic resin impregnated core structural components. The layers are pressed under high temperatures and pressures where polymerization and consolidation takes place.

Fabricators including postforming shops apply the HPL to the surface of particleboard to make countertops using adhesives. Ingredients of the final countertops are summarized in Table 3.

	0.035" Formica® Brand Laminates		0.027" Formica® Brand Laminates		
Material	Amount in final product (kg/m²)	Percent of Total (%)	Amount in final product (kg/m²)	Percent of Total (%)	Material Resources Type
Formica® Laminate					
Paper	0.71	5%	0.47	3%	Virgin renewable
Recycled paper	0.22	1%	0.22	1.5%	Recycled
Resin	0.30	2%	0.22	1.5%	Virgin non-renewable
Total	1.23	8%	0.91	6%	
Substrate					
Particleboard	12.23	83%	12.37	85%	Virgin renewable
Particleboard	1.25	8%	1.26	9%	Virgin non-renewable
Total	13.48	92%	13.63	94%	
Countertop					
Total	14.71	100%	14.54	100%	

Table 3: Material composition of countertops made from Formica® Brand Laminate in kilograms per functional unit and in percentage of total weight.

Countertops production

Formica® Brand Laminate products sold in North America are produced at the facilities located in the US, and in Canada. The production is weighted based on volumes from each plant for 2019. At each facility, raw materials are mixed, impregnated, cut into sheets and pressed together to form the HPLs. The sheets are then trimmed to size and sanded before being packaged for distribution.

The following study also includes data for the substrate, based on the EPD for particleboard from Roseburg Forest Products published in 2018.

Underlying Life Cycle Assessment

A cradle-to-grave life cycle assessment (LCA) was completed for this product in accordance to ISO 14040, ISO14044 and the NSF Product Category Rules for Environmental Product Declaration: *PCR for Residential Countertops*. The analysis represents the average environmental performance of Formica® Brand Laminate bonded to a particleboard substrate. The diagram below illustrates the life cycle stages included in this EPD.



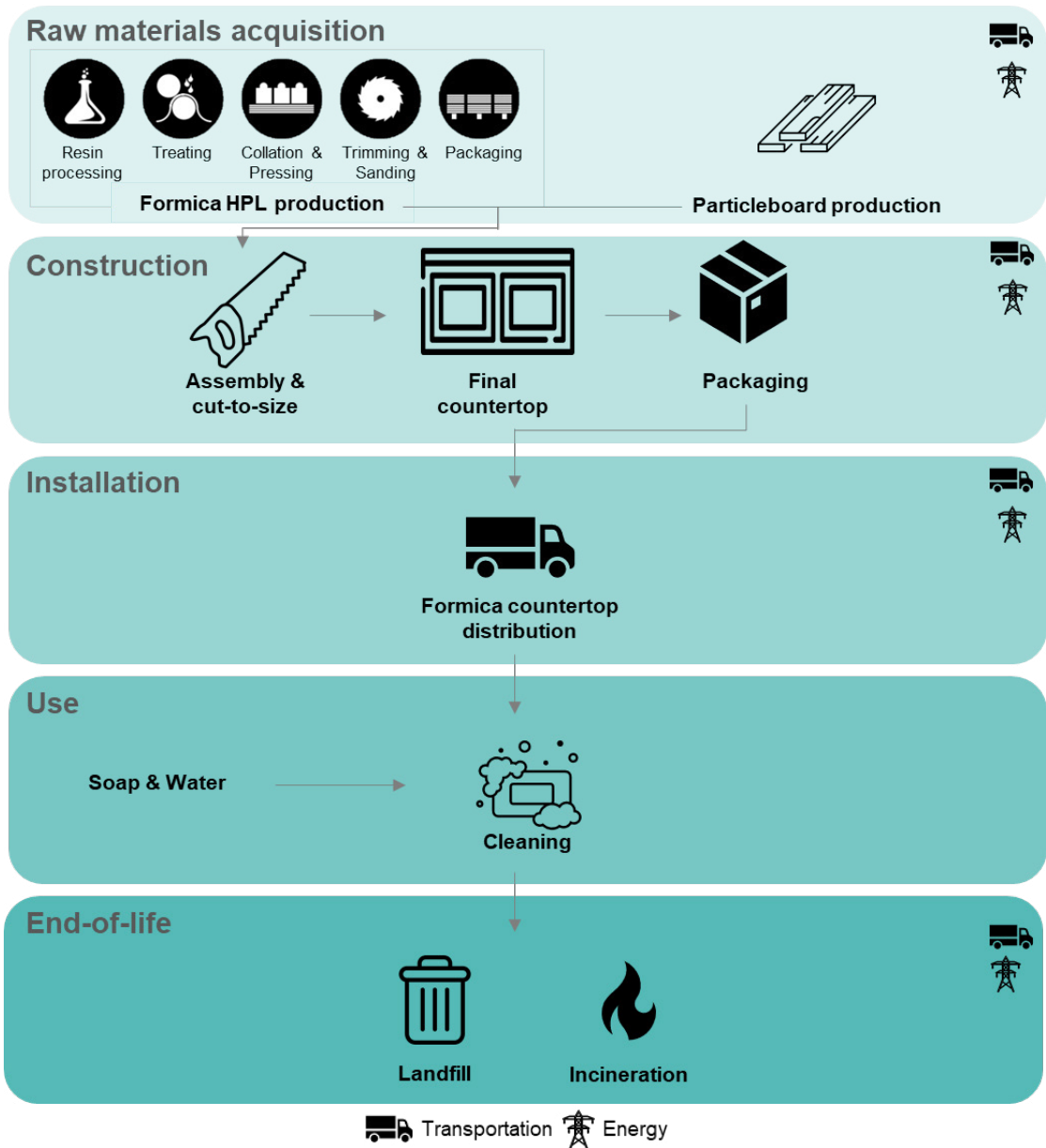
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Product life cycle flow

The diagram below represents the most significant stages in the life cycle of countertops made from Formica® Brand Laminate. This includes materials acquisition and pre-processing, construction, installation, use and end-of-life.



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Life cycle inventory

Formica® Brand Laminates are offered notably for thicknesses of 0.9 mm (0.035") and 0.7mm (0.027"). The life cycle inventory (LCI) flows for the EPD are shown in Table 4 and 5 in accordance with the requirements of the PCR.

0.035" Formica® Brand Laminates

Impact Category	Total	Material Acquisition & Pre-Processing	Construction	Installation	Use	End-of-life
Emissions to air (kg)						
Sulfur oxides (SO _x)	1.17x10⁻⁴	1.47 x10 ⁻⁵	8.10x10 ⁻⁵	3.83x10 ⁻⁶	1.55x10 ⁻⁶	1.62x10 ⁻⁵
Sulfur dioxide (SO ₂)	4.92 x10⁻²	1.69x10 ⁻²	1.00x10 ⁻²	9.98x10 ⁻³	1.16x10 ⁻³	1.12x10 ⁻²
Nitrogen oxides (NO _x)	5.63x10⁻²	2.36x10 ⁻²	8.39x10 ⁻³	1.55x10 ⁻²	1.56x10 ⁻³	7.22x10 ⁻³
Carbon dioxide, fossil (CO ₂)	2.20x10¹	6.07	3.11	4.84	3.53x10 ⁻¹	7.59
Carbon dioxide, biogenic (CO ₂)	7.05	3.29	6.84x10 ⁻¹	1.44x10 ⁻¹	1.11	1.83
Methane (CH ₄)	2.89x10⁻⁵	-4.95x10 ⁻⁶	9.10x10 ⁻⁹	3.38x10 ⁻⁵	3.12x10 ⁻⁹	3.94x10 ⁻⁹
Dinitrogen monoxide (N ₂ O)	1.99x10⁻³	2.65x10 ⁻⁴	1.16x10 ⁻³	1.43x10 ⁻⁴	2.24x10 ⁻⁴	2.07x10 ⁻⁴
Carbon monoxide, fossil (CO)	1.83x10⁻¹	1.35x10 ⁻²	1.51x10 ⁻²	4.79x10 ⁻³	9.56x10 ⁻⁴	1.49x10 ⁻¹
Carbon monoxide, biogenic (CO)	9.08x10⁻³	6.29x10 ⁻³	8,31x10 ⁻⁴	1,81x10 ⁻⁴	7,15x10 ⁻⁴	1,06x10 ⁻³
Water usage and emissions to water (kg)						
Phosphates	3.59x10⁻²	5.22x10 ⁻³	3.97x10 ⁻³	9.28x10 ⁻³	8.69x10 ⁻³	8.77x10 ⁻³
Nitrates	6.84x10⁻²	4.13x10 ⁻³	9.49x10 ⁻³	3.12x10 ⁻³	1.58x10 ⁻²	3.59x10 ⁻²
Dioxin	3.82x10⁻¹⁷	1.56x10 ⁻¹⁷	7.31x10 ⁻¹⁸	1.99x10 ⁻¹⁸	2.14x10 ⁻¹⁸	1.12x10 ⁻¹⁷
Arsenic	6.19x10⁻⁵	1.32x10 ⁻⁵	1.35x10 ⁻⁵	1.47x10 ⁻⁵	1.39x10 ⁻⁶	1.91x10 ⁻⁵
Cadmium	1.58x10⁻⁴	6.11x10 ⁻⁶	9.22x10 ⁻⁶	2.69x10 ⁻⁶	8.81x10 ⁻⁷	1.39x10 ⁻⁴
Chromium	1.84x10⁻⁵	9.43x10 ⁻⁶	6.87x10 ⁻⁶	1.24x10 ⁻⁶	6.61x10 ⁻⁷	1.64x10 ⁻⁷
Lead	8.66x10⁻³	2.31x10 ⁻³	3.12x10 ⁻⁴	4.08x10 ⁻⁵	2.42x10 ⁻⁵	5.97x10 ⁻³
Mercury	2.03x10⁻⁵	7.48x10 ⁻⁷	1.28x10 ⁻⁶	7.98x10 ⁻⁷	8.05x10 ⁻⁸	1.74x10 ⁻⁵
Water input	6.48x10¹	1.95x10 ¹	1.77x10 ¹	1.72x10 ¹	2.59	7.73
Water consumption	5.58x10¹	5.54x10 ¹	7.90x10 ⁻²	2.45x10 ⁻²	2.65x10 ⁻¹	3.22x10 ⁻²

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Energy types and usage (MJ)						
Total Non-renewable	4.92x10²	2.90x10 ²	5.96x10 ¹	1.04x10 ²	4.76	3.39x10 ¹
Non renewable, fossil	4.53x10²	2.76x10 ²	5.41x10 ¹	8.69x10 ¹	4.00	3.19x10 ¹
Non-renewable, nuclear	3.93x10¹	1.37x10 ¹	5.56	1.74x10 ¹	7.63x10 ⁻¹	1.94
Total Renewable	1.93x10²	1.72x10 ²	1.17x10 ¹	2.97	4.66	1.69
Renewable, biomass	9.18x10¹	7.31x10 ¹	1.12x10 ¹	1.41	4.59	1.44
Renewable, wind, solar, geothermal	1.01x10²	9.88x10 ¹	5.01x10 ⁻¹	1.56	7.58x10 ⁻²	2.44x10 ⁻¹
Waste management (kg)						
Incineration with energy recovery	N/A	N/A	N/A	N/A	N/A	N/A
Incineration without energy recovery	3.03	N/A	8.33x10 ⁻²	N/A	N/A	2.94
Landfill (non-hazardous waste)	1.29x10¹	7.62x10 ⁻¹	3.61x10 ⁻¹	N/A	N/A	1.18x10 ¹
Hazardous waste	3.61x10⁻²	3.61x10 ⁻²	N/A	N/A	N/A	N/A
Landfill avoidance (recycling)	2.68x10⁻²	2.68x10 ⁻²	N/A	N/A	N/A	N/A

Table 4: Life cycle inventory flows results for 1m² of countertops made from 0.035" Formica® Brand Laminate including the substrate, front-edge and backsplash, for a period of 10 years.

0.027" Formica® Brand Laminates

Impact Category	Total	Material Acquisition & Pre-Processing	Construction	Installation	Use	End-of-life
Emissions to air (kg)						
Sulfur oxides (SO _x)	1.14x10⁻⁴	1.15x10 ⁻⁵	8.10x10 ⁻⁵	3.80x10 ⁻⁶	1.55x10 ⁻⁶	1.60x10 ⁻⁵
Sulfur dioxide (SO ₂)	4.52x10⁻²	1.29x10 ⁻²	1.00x10 ⁻²	9.95x10 ⁻³	1.16x10 ⁻³	1.11x10 ⁻²
Nitrogen oxides (NO _x)	5.22x10⁻²	1.97x10 ⁻²	8.39x10 ⁻³	1.54x10 ⁻²	1.56x10 ⁻³	7.14x10 ⁻³
Carbon dioxide, fossil (CO ₂)	2.06x10	4.78	3.12	4.83	3.53x10 ⁻¹	7.50
Carbon dioxide, biogenic (CO ₂)	6.18	2.44	6.84x10 ⁻¹	1.44x10 ⁻¹	1.11	1.81
Methane (CH ₄)	3.02x10⁻⁵	-3.67x10 ⁻⁶	9.11x10 ⁻⁹	3.38x10 ⁻⁵	3.12x10 ⁻⁹	3.89x10 ⁻⁹

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Dinitrogen monoxide (N ₂ O)	1.93x10⁻³	2.02x10 ⁻⁴	1.16x10 ⁻³	1.42x10 ⁻⁴	2.24x10 ⁻⁴	2.05x10 ⁻⁴
Carbon monoxide, fossil (CO)	1.79x10⁻¹	1.07x10 ⁻²	1.51x10 ⁻²	4.75x10 ⁻³	9.56x10 ⁻⁴	1.47x10 ⁻¹
Carbon monoxide, biogenic (CO)	7.45x10⁻³	4.68x10 ⁻³	8.31x10 ⁻⁴	1.80x10 ⁻⁴	7.15x10 ⁻⁴	1.05x10 ⁻³
Water usage and emissions to water (kg)						
Phosphates	3.46x10⁻²	3.96x10 ⁻³	3.97x10 ⁻³	9.28x10 ⁻³	8.69x10 ⁻³	8.67x10 ⁻³
Nitrates	6.70x10⁻²	3.10x10 ⁻³	9.49x10 ⁻³	3.12x10 ⁻³	1.58x10 ⁻²	3.55x10 ⁻²
Dioxin	3.42x10⁻¹⁷	1.18x10 ⁻¹⁷	7.31x10 ⁻¹⁸	1.98x10 ⁻¹⁸	2.14x10 ⁻¹⁸	1.10x10 ⁻¹⁷
Arsenic	5.85x10⁻⁵	1.00x10 ⁻⁵	1.35x10 ⁻⁵	1.47x10 ⁻⁵	1.39x10 ⁻⁶	1.89x10 ⁻⁵
Cadmium	1.55x10⁻⁴	4.63x10 ⁻⁶	9.23x10 ⁻⁶	2.68x10 ⁻⁶	8.81x10 ⁻⁷	1.38x10 ⁻⁴
Chromium	1.60x10⁻⁵	7.02x10 ⁻⁶	6.87x10 ⁻⁶	1.24x10 ⁻⁶	6.61x10 ⁻⁷	1.62x10 ⁻⁷
Lead	8.00x10⁻³	1.72x10 ⁻³	3.13x10 ⁻⁴	4.07x10 ⁻⁵	2.42x10 ⁻⁵	5.90x10 ⁻³
Mercury	2.00x10⁻⁵	5.66x10 ⁻⁷	1.28x10 ⁻⁶	7.97x10 ⁻⁷	8.05x10 ⁻⁸	1.72x10 ⁻⁵
Water input	5.99x10	1.47x10	1.77x10	1.72x10	2.59	7.64
Water consumption	5.64x10¹	5.60x10 ¹	7.90x10 ⁻²	2.45x10 ⁻²	2.65x10 ⁻¹	3.18x10 ⁻²
Energy types and usage (MJ)						
Total Non-renewable	4.66x10²	2.64x10 ²	5.96x10	1.04x10 ²	4.76	3.35x10
Non renewable, fossil	4.28x10²	2.52x10 ²	5.41x10	8.66x10	4.00	3.16x10
Non-renewable, nuclear	3.78x10	1.22x10	5.56	1.74x10	7.63x10 ⁻¹	1.92
Total Renewable	1.77x10²	1.56x10 ²	1.17x10	2.97	4.66	1.67
Renewable, biomass	7.46x10	5.60x10	1.12x10	1.41	4.59	1.43
Renewable, wind, solar, geothermal	1.02x10²	9.97x10	5.01x10 ⁻¹	1.56	7.58x10 ⁻²	2.42x10 ⁻¹
Waste management (kg)						
Incineration with energy recovery	N/A	N/A	N/A	N/A	N/A	N/A
Incineration without energy recovery	2.99	N/A	8.36x10 ⁻²	N/A	N/A	2.91
Landfill (non-hazardous waste)	1.27x10	6.68x10 ⁻¹	3.62x10 ⁻¹	N/A	N/A	1.16x10
Hazardous waste	2.68x10⁻²	2.68x10 ⁻²	N/A	N/A	N/A	N/A

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Landfill avoidance (recycling)	1,99x10⁻²	1,99x10 ⁻²	N/A	N/A	N/A	N/A
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Table 5: Life cycle inventory flows results for 1m² of countertops made from 0.027" Formica® Brand Laminate including the substrate, front-edge and backsplash, for a period of 10 years.

Life Cycle impact assessment

The life cycle impact assessment (LCIA) for the EPD is conducted in accordance with the requirements of the PCR. All impact category indicators are estimated using TRACI 2.1, with the exception of global warming potential which uses Intergovernmental Panel on Climate Change (IPCC) fifth assessment report (AR5) characterization factors and biogenic carbon which is estimated using EN 15804+A2 methodology. The LCIA results are calculated using Simapro 9.1 software. Results are rounded to three significant figures.

Formica® Brand Laminates are offered notably for thicknesses of 0.9 mm (0.035") and 0.7mm (0.027"). The Life Cycle impact assessment results for these thicknesses are presented in Table 6 and 7.

0.035" Formica® Brand Laminates

Impact Category	Units	Total	Material Acquisition & Pre-Processing	Construction	Installation	Use	End-of-life
Global Warming Potential	kg CO2 eq	44.9	18.1	4.09	6.65	0.994	15.1
Biogenic carbon	kg CO2 eq	-16.2	-27.0	0.0316	0.0186	0.178	10.6
Acidification potential	kg SO2 eq	0.151	0.0913	0.0174	0.0216	3.51x10 ⁻³	0.0175
Photochemical ozone creation potential	kg O3 eq	1.46	0.601	0.250	0.388	0.0415	0.182
Eutrophication potential	kg N eq	1.42	1.24	0.0166	0.0247	0.0309	0.103
Ozone depletion potential	kg CFC-11 eq	3.58 x10⁻⁶	1.29 x10 ⁻⁶	5.52 x10 ⁻⁷	1.01 x10 ⁻⁶	8.81 x10 ⁻⁸	6.37 x10 ⁻⁷

Table 6: LCIA results for 1m² of countertops made from 0.035" Formica® Brand Laminate including the substrate, front-edge and backsplash, for a period of 10 years.

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0.027" Formica® Brand Laminates

Impact Category	Units	Total	Material Acquisition & Pre-Processing	Construction	Installation	Use	End-of-life
Global Warming Potential	kg CO2 eq	43.1	16.5	4.09	6.63	0.994	14.9
Biogenic carbon	kg CO2 eq	-16.1	-26.8	0.0326	0.0186	0.178	10.5
Acidification potential	kg SO2 eq	0.144	0.0845	0.0174	0.0215	3.51x10 ⁻³	0.0173
Photochemical ozone creation potential	kg O3 eq	1.36	0.504	0.250	0.384	0.0415	0.179
Eutrophication potential	kg N eq	1.43	1.25	0.0166	0.0246	0.0309	0.102
Ozone depletion potential	kg CFC-11 eq	3.30 x10⁻⁶	1.02 x10 ⁻⁶	5.53 x10 ⁻⁷	1.01 x10 ⁻⁶	8.81 x10 ⁻⁸	6.29 x10 ⁻⁷

Table 7: LCIA results for 1m² of countertops made from 0.027" Formica® Brand Laminate including the substrate, front-edge and backsplash, for a period of 10 years.



Formica® Brand Laminate offers a broader range of looks than ever before. Transform spaces with our modern laminates that are as beautiful as they are durable. Mix and match solids, graphic patterns and finishes.

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According to ISO 14025

Other Environmental Information



The requirements of NSF/ANSI 35 are applicable to HPDL for use as work and non-work surfaces of food service equipment on which direct contact during normal preparation or holding operations is not intended, expected, or reasonable. Applications of HPDL covered by this Standard include wait stations, service counters, and other counters used in conjunction with cutting boards or other means of preventing direct food contact with the laminate.



Formica® Brand Laminate products meet all GREENGUARD & GREENGUARD Gold requirements for indoor air quality.

The GREENGUARD Environmental Institute (GEI) Certification program helps manufacturers create, and buyers identify, products and materials that have low chemical emissions, improving the quality of air in which the products are used. The standards establish certification procedures including test methods, allowable emission levels, product sample collection, testing, as well as program application processes, toxicity limits and acceptance.



Formica® Brand Laminates contain FSC® Certified Wood (Certification code: SCS-COC-003270).

FSC is an independent, non-government, not-for-profit organization established to promote responsible forest management practices worldwide. It was created out of concern for the loss of the world's forests and failure to address deforestation. FSC forest management certification is awarded to forest managers who adopt practices that provide environmental, social and economic benefits. FSC Principles and Criteria provide a foundation for all forest management standards globally.



Formica® Brand Laminates contain up to 13% recycled content (including pre- and post-consumer) according to the ISO Standard 14021.

Pre-consumer recycled content formerly known as postindustrial content: the percentage of material in a product that is recycled from manufacturing waste. Examples include planer shavings, sawdust and trimmed materials. Rework, regrind or scrap materials capable of being reclaimed within the same process that generated them are excluded.

Post-consumer recycled content: the percentage of material in a product that is consumer waste generated by household, commercial, industrial or institutional activity.

For more information and to access all certifications and sustainability initiatives, please visit:
<https://www.formica.com/en-us/campaigns/sustainability>

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Supporting technical information

Functional unit

In accordance to the PCR the declared unit is 1 m² (10.76 ft²) of residential countertop for a period of ten (10) years in residential use. The product build-up is made from Formica® Brand Laminates 0.9mm (0.035 inches)/0.7mm (0.027 inches) assembled to a particleboard 18.15mm/18.35mm. The final countertop is 19.05mm (3/4 inches) thick and includes front edge and backsplash. The final countertop has an area weight of 14.71 kg/m² /14.54 kg/m².

Data collection for the foreground system

- **Raw Materials Acquisition:**
 - For the HPL, the foreground primary data of the manufacturing process refers to the year 2019, and represents a weighted average of the manufacturing facilities of Formica Corporation in Cincinnati, Ohio, USA and St. Jean-sur-Richelieu, Canada. Any processing of secondary materials used to produce the HPL is also included.
 - For the particleboard, the foreground data is based on the EPD of one of our stakeholder Roseburg Forest Products, published in 2018.
- **Construction:** due to the lack of primary data with North America geographical coverage, assumptions were based on primary data collected in our sister company Westag A.G, located in Germany.
- **Installation:** data from our technical services team at Formica and the EIA CBECS 2012 survey for the energy consumption of warehouses.
- **Usage & maintenance:** data from our technical services team at Formica.
- **End-of-life:** general disposition determined by US EPA in the "Solid Waste Management and Greenhouse Gases: A Life-Cycle Assessment of emissions and sinks" document.
- **For all stages:** distances to the waste facility are based on the US EPA WARM model.

Allocation

- **In the foreground data:** the production of HPL occurs at the manufacturing facilities of Formica Corporation in Cincinnati, Ohio, USA and St. Jean-sur-Richelieu, Canada. The production was allocated by mass, considering the total production of the CY2019 of the two plants.
- **For waste materials:** for waste occurring at Formica, landfill was considered as the waste treatment except for the recycling of raw papers. For the waste occurring outside of Formica's operational control, the assumption made was 80% landfill and 20% incineration.

System boundaries

According to the PCR the entire life cycle is to be covered including all industrial processes from cradle-to-grave. A description of each stage is as follows:

- **Raw material acquisition and pre-processing into a countertop pre-form:** this stage includes the extraction of materials from nature, processing required to create the raw materials used in countertop production (HPL and particleboard), and transportation of the materials to the construction stage.

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- **Countertop construction:** this stage includes processing of raw materials into the final cut-to-size countertop, auxiliary materials and energy required. This stage also includes production and inbound transport of packaging materials.
- **Installation:** this stage includes transportation from the construction facility to the retailer, storage at the retailer and from the retailer to the end-customer.
- **Use and maintenance:** use stage includes product maintenance – typically daily cleaning with tap water and soap over the 10-year timeframe. No sealing or additional maintenance is needed.
- **Maintenance and repair:** maintenance and repair of the countertop is generally insignificant so was excluded from this study.
- **Health aspects:** Formica® Brand Laminates are compliant with GreenGuard Gold standards. Roseburg particleboard fulfill the requirements of EPA TSCA Title VI (40 CFR 770), CAN/CSA-0160-16, ANSI A208.1 and California Air Resources Board (CARB) Airborne Toxic Control Measures (ATCM) 93120.
- **End of life:** the end of life stage includes the transportation to the waste facility and the waste treatment of the countertop at his end of life.

Cut-off criteria

In the assessment, all available data from production process are considered, i.e. all raw materials used, utilized thermal energy, and electric power consumption using best available LCI datasets. Thus material and energy flows contributing less than 1% of mass or energy are considered. No cut-off criteria are applied in this study.

Data quality

Inventory data quality is judged by its precision (measured, calculated or estimated), completeness (e.g., unreported emissions), consistency (degree of uniformity of the methodology applied) and representativeness (geographical, temporal, and technological).

To cover these requirements and to ensure reliable results, first-hand manufacturing data in combination with consistent background LCA information from the Ecoinvent database 3.6. were used. The LCI datasets from the Ecoinvent database are widely distributed and used with the Simapro Software. The datasets have been used in LCA models worldwide in industrial and scientific applications in internal as well as in many critically reviewed and published studies.

Precision and completeness

- **Precision:** As the majority of the relevant foreground data are measured data or calculated based on primary information sources of the owner of the technology, precision is considered to be high. All background data are sourced from Ecoinvent databases.
- **Completeness:** Each foreground process was checked for mass balance and completeness of the emission inventory. No data were knowingly omitted. Completeness of foreground unit process data is considered to be high. All background data are sourced from Ecoinvent databases.

Consistency and reproducibility

- **Consistency:** To ensure data consistency, all primary data were collected with the same level of detail, while all background data were sourced from the Ecoinvent databases.
- **Reproducibility:** Reproducibility is supported as much as possible through the disclosure of input-output data, dataset choices, and modelling approaches in this report. Based on this information, any third party should be able to approximate the results of this study using the same data and modelling approaches.

ENVIRONMENTAL PRODUCT DECLARATION



According to ISO 14025

Representativeness

- Temporal: All primary data were collected for a twelve-month period (calendar year 2019). All secondary data come from the Ecoinvent database. Temporal representativeness is considered to be fair.
- Geographical: All primary and secondary data were collected specific to North America coverage whenever possible. Geographical representativeness is considered to be fair.
- Technological: All primary and secondary data were modelled to be specific to the technologies under study. Where technology-specific data were unavailable, proxy data were used. Technological representativeness is considered to be good.

Software and database

The LCA model is created using the SimaPro Software (V.9.1.0.8). The Ecoinvent database (V.3.6) provides the life cycle inventory data for the raw and process materials obtained from the background system.

ENVIRONMENTAL PRODUCT DECLARATION



FORMICA® BRAND LAMINATE
HIGH PRESSURE LAMINATES

According to ISO 14025

References

- (1) ISO 14044:2006. Environmental management. Life cycle assessment. Requirements and guidelines.
- (2) NSF PCR for Residential Countertops, version September 2013 valid through 2021.
- (3) ISO 14025:2006. Environmental labels and declarations — Type III environmental declarations — Principles and procedures.
- (4) ANSI/NEMA LD 3 - 2005
- (5) EPD Roseburg, Particleboard, Declaration Number 4786969381.101.1.
- (6) EIA COMMERCIAL BUILDINGS ENERGY CONSUMPTION SURVEY (CBECS), 2012 data.
<https://www.eia.gov/consumption/commercial/data/2012/>
- (7) US EPA "Solid Waste Management and Greenhouse Gases: A Life-Cycle Assessment of emissions and sinks" document, page 111.
- (8) US EPA Waste Reduction Model (WARM).
http://www.epa.gov/climatechange/wycd/waste/calculators/Warm_home.html
- (9) Intergovernmental Panel on Climate Change (IPCC). <http://www.ipcc.ch>
- (10) EN 15804 +A2 Sustainability of construction works -Environmental product declarations – Core rules for the product category of construction products".
- (11) US EPA, Tool for the Reduction and the Assessment of Chemical and Other Environmental Impact (TRACI).
<http://www.epa.gov/nrmrl/std/sab/traci>
- (12) Simapro V.9.1.0.8. <https://simapro.com/>
- (13) Ecoinvent version 3.6. <https://www.ecoinvent.org/>.
- (14) EIA OHIO Grid generation 2019, <https://www.eia.gov/state/?sid=OH>
- (15) Canada Energy Regulator (CER Quebec) Grid Generation 2018. <https://www.cer-rec.gc.ca/en/data-analysis/energy-commodities/electricity/report/canadas-renewable-power/canadas-renewable-power/provinces/renewable-power-canada-quebec.html>
- (16) EPA GHG emissions factors (April 2021). https://www.epa.gov/sites/default/files/2021-04/documents/emission-factors_apr2021.pdf
- (17) Shaw, Helen.Science House Student Projects. New York, NY: 2001,
<https://hypertextbook.com/facts/2005/VirginiaAllard.shtml#:~:text=Soap%2C%20particularly%20solid%20Ivory%20soap,of%200.932%20g%2Fcm3>
- (18) GreenGuard Gold standard for Chemical Emissions for Building Materials, Finishes and Furnishings. Certificate number : 1769-420. Certificate Period : 04/30/2007 – 10/28/2021
- (19) EPA TSCA Title VI (40 CFR 770), CAN/CSA-0160-16, ANSI A208.1
- (20) California Air Resources Board (CARB) Airborne Toxic Control Measures (ATCM) 93120

FSC Chain of Custody - Nicholson Cates

Preferred by Nature™



Preferred by Nature OÜ hereby confirms that
the Chain of Custody and Controlled Wood system of
Nicholson and Cates Limited,
Forest Products

3060 Mainway Drive, Suite 300
Burlington, Ontario L7M 1A3
Canada

has been assessed and certified as meeting the requirements of
FSC-STD-40-004 V3-1; FSC-STD-50-001 V2-1 EN

The certificate is valid from Mar 31, 2023 to Mar 30, 2028
Certificate version date: Mar 31, 2023

Scope of certificate

Certificate type: Single (with multiple sites) Chain of Custody and Controlled Wood

Certificate registration code

NC-COC-002277
NC-CW-002277

FSC License Code

FSC-C013819


Justinas Janulaitis
Management board member
Filosoofi 31, Tartu
Estonia

Specific information regarding products and sites is listed in the appendix(es) of this certificate. The validity and exact scope covered by this certificate shall always be verified at www.info.fsc.org.

FSC® accredited certification body FSC® A000535 | The mark of responsible forestry | www.ic.fsc.org

This certificate itself does not constitute evidence that particular product supplied by the certificate holder is FSC® certified [or FSC Controlled Wood]. Products offered, shipped or sold by the certificate holder can only be considered covered by the scope of this certificate when the required FSC claim is clearly stated on invoices and shipping documents. The physical printed certificate remains the property of Preferred by Nature OÜ and shall be returned upon request.



Annex A: Scope of Nicholson and Cates Limited, Forest Products FSC® Chain of Custody and Controlled Wood Certificate

NC-COC-002277 NC-CW-002277

(The list below shows products handled by the network of Participating Sites)

Product Type	Trade Name	Output FSC Claims
P2.4	Specialty paper	FSC Mix Credit
P2.4	Specialty paper - Crossband and backer	FSC Controlled Wood
W4.3	Treated dimensional lumber, timber or plywood	FSC Mix Credit
W5	Lumber - Solid wood (sawn, chipped, sliced or peeled)	FSC 100%; FSC Mix Credit; FSC Controlled Wood
W6	Products from planing mill	FSC Mix Credit
W6.1	Dimensional lumber, finished	FSC Mix Credit
W7	Veneer	FSC Controlled Wood
W8.1	Plywood	FSC 100%; FSC Mix Credit; FSC Controlled Wood
W8.2	Particle board	FSC Mix Credit
W8.3.2	MDF - Medium Density Fibre Board	FSC Mix Credit; FSC Controlled Wood
W9	Engineered wood products	FSC Mix; FSC Controlled Wood

This certificate itself does not constitute evidence that particular product supplied by the certificate holder is FSC® certified [or FSC Controlled Wood]. Products offered, shipped or sold by the certificate holder can only be considered covered by the scope of this certificate when the required FSC claim is clearly stated on invoices and shipping documents. The physical printed certificate remains the property of Preferred by Nature OU and shall be returned upon request.

Certificate version date: 31-03-2023

Page 2 of 3



Annex B: Scope of Nicholson and Cates Limited, Forest Products FSC® Chain of Custody and Controlled Wood Certificate
NC-COC-002277 NC-CW-002277

No	Site Name	Address	Sub-code
1	Nicholson and Cates Limited - Head Office	3060 Mainway Drive, Suite 300 Burlington Ontario L7M 1A3 Canada	---
2	Nicholson and Cates Limited - Distribution Centre	16 Alabastine Street Caledonia Ontario N3W 1K9 Canada	---

Preferred by Nature™

This certificate itself does not constitute evidence that particular product supplied by the certificate holder is FSC® certified [or FSC Controlled Wood]. Products offered, shipped or sold by the certificate holder can only be considered covered by the scope of this certificate when the required FSC claim is clearly stated on invoices and shipping documents. The physical printed certificate remains the property of Preferred by Nature OU and shall be returned upon request.

Certificate version date: 31-03-2023

Page 3 of 3

FSC Chain of Custody - Tafisa

Preferred by Nature™



Preferred by Nature OÜ hereby confirms that
the Chain of Custody and Controlled Wood system of

Tafisa Canada

4660, rue Villeneuve
Lac-Mégantic, Québec G6B 2C3
Canada

has been assessed and certified as meeting the requirements of
FSC-STD-40-004 V3-0; FSC-STD-40-004 V3-1; FSC-STD-40-005 V3-1; FSC-STD-40-007 V2-0; FSC-STD-50-001 V2-0

The certificate is valid from Jul 26, 2022 to Jul 25, 2027
Certificate version date: Sep 20, 2022

Scope of certificate

Certificate type: Single Chain of Custody and Controlled Wood

Certificate registration code

NC-COC-003089 NC-CW-003089

RA-COC-003089 RA-CW-003089

FSC License Code

FSC-C006416


Justinas Janulaitis
Management board member
Filosoofi 31, Tartu
Estonia

Specific information regarding products and sites is listed in the appendix(es) of this certificate.
The validity and exact scope covered by this certificate shall always be verified at www.info.fsc.org.

FSC® accredited certification body FSC® A000535 | The mark of responsible forestry | www.ic.fsc.org

This certificate itself does not constitute evidence that particular product supplied by the certificate holder is FSC® certified [or FSC Controlled Wood]. Products offered, shipped or sold by the certificate holder can only be considered covered by the scope of this certificate when the required FSC claim is clearly stated on invoices and shipping documents. The physical printed certificate remains the property of Preferred by Nature OÜ and shall be returned upon request.



Annex A: Scope of Tafisa Canada FSC® Chain of Custody and Controlled Wood
Certificate
NC-COC-003089 NC-CW-003089
RA-COC-003089 RA-CW-003089

Product Type	Trade Name	Output FSC Claims
P2.4	Specialty Paper	FSC Controlled Wood
W3.1	Wood Chips	FSC Mix Credit; FSC Controlled Wood
W3.2	Sawdust	FSC Mix Credit; FSC Controlled Wood
W3.3	Wood shavings	FSC Mix Credit; FSC Controlled Wood
W3.4	Wood wool	FSC Mix Credit; FSC Controlled Wood
W8.2	Particleboard	FSC Mix Credit; FSC Controlled Wood
W8.2.1	Melamine particleboard	FSC Mix Credit; FSC Controlled Wood

Preferred by Nature™

This certificate itself does not constitute evidence that particular product supplied by the certificate holder is FSC® certified [or FSC Controlled Wood]. Products offered, shipped or sold by the certificate holder can only be considered covered by the scope of this certificate when the required FSC claim is clearly stated on invoices and shipping documents. The physical printed certificate remains the property of Preferred by Nature OÜ and shall be returned upon request.

Certificate version date: Sep 20, 2022

Page 2 of 2

FSC Chain of Custody - Wanderosa

Preferred by Nature™



Preferred by Nature OÜ hereby confirms that
the Chain of Custody system of

Wanderosa Wood Products LP

150 Parr Boulevard
Bolton, Ontario L7E 4E6
Canada

has been assessed and certified as meeting the requirements of
FSC-STD-40-003 V2-1; FSC-STD-40-004 V3-1; FSC-STD-50-001 V2-1 EN

The certificate is valid from May 18, 2022 to May 17, 2027
Certificate version date: Jun 27, 2023

Scope of certificate

Certificate type: Multisite (Common ownership) Chain of Custody

Certificate registration code

NC-COC-001389

FSC License Code

FSC-C003239

A handwritten signature in blue ink.

Justinas Janulaitis
Management board member
Filosoofi 31, Tartu
Estonia

Specific information regarding products and sites is listed in the appendix(es) of this certificate.
The validity and exact scope covered by this certificate shall always be verified at www.info.fsc.org.

FSC® accredited certification body FSC® A000535 | The mark of responsible forestry | www.ic.fsc.org

This certificate itself does not constitute evidence that particular product supplied by the certificate holder is FSC® certified [or FSC Controlled Wood]. Products offered, shipped or sold by the certificate holder can only be considered covered by the scope of this certificate when the required FSC claim is clearly stated on invoices and shipping documents. The physical printed certificate remains the property of Preferred by Nature OÜ and shall be returned upon request.



Annex A: Scope of Wanderosa Wood Products LP FSC® Chain of Custody
Certificate
NC-COC-001389
(The list below shows products handled by the network of Participating Sites)

Product Type	Trade Name	Output FSC Claims
N5.4	Bamboo Plywood	FSC 100%
P3.4.1	High Pressure Laminate	FSC Mix Credit
W8.1	Hardwood Plywood	FSC Mix x%; FSC Mix Credit
W8.2.1	Particleboard	FSC Mix Credit
W8.3.1	FSC Fibreboard	FSC Mix Credit
W8.3.2	FSC Fibreboard	FSC Mix Credit
W8.3.2	Slotwall	FSC Mix Credit
W9.8	Laminated board	FSC Mix Credit

This certificate itself does not constitute evidence that particular product supplied by the certificate holder is FSC® certified [or FSC Controlled Wood]. Products offered, shipped or sold by the certificate holder can only be considered covered by the scope of this certificate when the required FSC claim is clearly stated on invoices and shipping documents. The physical printed certificate remains the property of Preferred by Nature OÜ and shall be returned upon request.



Annex B: Scope of Wanderosa Wood Products LP FSC® Chain of Custody
Certificate
NC-COC-001389

No	Site Name	Address	Sub-code
1	Wanderosa Wood Products LP - Bolton, Ontario	150 Parr Boulevard Bolton Ontario L7E 4E6 Canada	NC-COC-001389-1
2	White-Wood Distribution - Winnipeg	119 Plymouth St Winnipeg Manitoba Canada	NC-COC-001389-2
3	White-Wood Forest Products	130 Plymouth St Winnipeg Manitoba Canada	NC-COC-001389-3

This certificate itself does not constitute evidence that particular product supplied by the certificate holder is FSC® certified [or FSC Controlled Wood]. Products offered, shipped or sold by the certificate holder can only be considered covered by the scope of this certificate when the required FSC claim is clearly stated on invoices and shipping documents. The physical printed certificate remains the property of Preferred by Nature OÜ and shall be returned upon request.

FSC Chain of Custody - Uniboard

Preferred by Nature™



Preferred by Nature OÜ hereby confirms that
the Chain of Custody and Controlled Wood system of

Uniboard Canada Inc.

5555, rue Ernest-Cormier
Laval, Québec H7C 2S9
Canada

has been assessed and certified as meeting the requirements of
FSC-STD-40-003 V2-1; FSC-STD-40-004 V3-1; FSC-STD-40-005 V3-1; FSC-STD-40-007 V2-0; FSC-STD-50-001 V2-1 EN

The certificate is valid from December 02, 2022 to December 01, 2027
Certificate version date: December 02, 2022

Scope of certificate

Certificate type: Multisite (Common ownership) Chain of Custody and
Controlled Wood

Certificate registration code

NC-COC-002726
NC-CW-002726

FSC License Code

FSC-C002807

A handwritten signature in blue ink.

Justinas Janulaitis
Management board member
Filosoofi 31, Tartu
Estonia

Specific information regarding products and sites is listed in the appendix(es) of this certificate.
The validity and exact scope covered by this certificate shall always be verified at www.info.fsc.org.

FSC® accredited certification body FSC® A000535 | The mark of responsible forestry | www.ic.fsc.org

This certificate itself does not constitute evidence that particular product supplied by the certificate holder is FSC® certified [or FSC Controlled Wood]. Products offered, shipped or sold by the certificate holder can only be considered covered by the scope of this certificate when the required FSC claim is clearly stated on invoices and shipping documents. The physical printed certificate remains the property of Preferred by Nature OÜ and shall be returned upon request.



Annex A: Scope of Uniboard Canada Inc. FSC® Chain of Custody and Controlled Wood Certificate
NC-COC-002726 NC-CW-002726
(The list below shows products handled by the network of Participating Sites)

Product Type	Trade Name	Output FSC Claims
P2.4	RAW Specialty paper	FSC Controlled Wood
W8.2	Particleboard	FSC Mix Credit; FSC Controlled Wood
W8.2.1	Melamine Particleboard	FSC Mix Credit; FSC Controlled Wood
W8.3.1	High Density Fibreboard (HDF)	FSC Mix Credit; FSC Controlled Wood
W8.3.2	Medium Density Fibreboard (MDF) and Melamine Medium Density Fibreboard (MDF)	FSC Mix Credit; FSC Controlled Wood

This certificate itself does not constitute evidence that particular product supplied by the certificate holder is FSC® certified [or FSC Controlled Wood]. Products offered, shipped or sold by the certificate holder can only be considered covered by the scope of this certificate when the required FSC claim is clearly stated on invoices and shipping documents. The physical printed certificate remains the property of Preferred by Nature OU and shall be returned upon request.



Annex B: Scope of Uniboard Canada Inc. FSC® Chain of Custody and Controlled Wood Certificate
NC-COC-002726 NC-CW-002726

No	Site Name	Address	Sub-code
1	Uniboard Mont-Laurier inc.	845 rue Jean-Baptiste Reid Mont-Laurier Quebec J9L 3W3 Canada	NC-COC-002726-A
2	Uniboard Val d'Or inc.	2700, boul. Jean-Jacques Cossette Val-d'Or Quebec J9P 5G6 Canada	NC-COC-002726-B
3	Uniboard Sayabec	152, route Pouliot C.P. 340 Sayabec Quebec G0J 3K0 Canada	NC-COC-002726-C

This certificate itself does not constitute evidence that particular product supplied by the certificate holder is FSC® certified [or FSC Controlled Wood]. Products offered, shipped or sold by the certificate holder can only be considered covered by the scope of this certificate when the required FSC claim is clearly stated on invoices and shipping documents. The physical printed certificate remains the property of Preferred by Nature OU and shall be returned upon request.

Certificate version date: 02-12-2022

Page 3 of 3

FSC Chain of Custody - Wilsonart

SCS Global Services does hereby certify that an independent audit has been completed and conformity to the applicable standard(s) has been confirmed for:

Wilsonart LLC

2501 Wilsonart Drive, Temple, 76504, Texas, United States

This multi-site certificate covers the production of high-pressure laminates and backers using the credit system, the production of thermally fused laminate panels using the percentage system, and the distribution of melamine treated papers, untreated decorative papers, post-formed laminate countertop blanks, fabricated laminate countertops, and laminated panels using the transfer system. It also includes the sale of FSC Controlled Wood products.

The facility(s) are hereby Chain of Custody certified to sell products as:

FSC Mix, FSC Controlled Wood

The assessment has been conducted by SCS Global Services in accordance with the protocols of the Forest Stewardship Council® A.C. (FSC®).

FSC Standard: FSC-STD-40-003 V2-1, FSC-STD-50-001 V2-0, FSC-STD-40-004 V3-1, FSC-STD-40-004, FSC-STD-40-003, FSC-STD-50-001

Certificate Code: SCS-COC-002415

Trademark License Code: FSC-C022201

Valid from: 24/07/2024 Expiry date: 23/07/2029

This certificate itself does not constitute evidence that a particular product supplied by the certificate holder is FSC-certified (or FSC Controlled Wood where applicable). Products offered, shipped or sold by the certificate holder can only be considered covered by the scope of this certificate when the required FSC claim is clearly stated on sales and delivery documents. The scope of this certificate is considered accurate on the date of issuance. The current validity and scope, including the full list of products, shall be verified on <http://info.fsc.org>. The certificate shall remain the property of SCS, and this certificate and all copies or reproductions of this certificate shall be returned to SCS immediately upon request. Where a certificate covers more than one site, the covered products and processes/activities are performed by the network of Participating Sites, and not necessarily by each of them.



Maggie Schwartz, Vice President, Program Development
SCS Global Services
2000 Powell Street, Ste. 600, Emeryville, CA 94608 USA



The mark of
responsible forestry



Printed: 7/22/2024

FSC Chain of Custody - Formica

SCS Global Services does hereby certify that an independent audit has been completed and conformity to the applicable standard(s) has been confirmed for:

Formica Corporation

10155 Reading Road, Cincinnati, OH 45241, United States
Please see addendum for additional certified locations.

This multi-site certificate covers the production and distribution of high pressure decorative laminates, metalized paperboard laminates, and specialty paper using the transfer, percentage, and credit systems. The certificate also covers the sale of FSC Controlled Wood.

The facility(s) are hereby Chain of Custody certified to sell products as:

FSC Controlled Wood; FSC Mix

The assessment has been conducted by SCS Global Services in accordance with the protocols of the Forest Stewardship Council® A.C. (FSC®).

FSC Standard: FSC-STD-40-003; FSC-STD-40-004

Certificate Code: SCS-COC-003270 Trademark License Code: FSC-C092610

CW Code: SCS-CW-003270

Valid from: 28 May 2021 Expiry date: 27 May 2026

This certificate itself does not constitute evidence that a particular product supplied by the certificate holder is FSC-certified (or FSC Controlled Wood where applicable). Products offered, shipped or sold by the certificate holder can only be considered covered by the scope of this certificate when the required FSC claim is clearly stated on sales and delivery documents. The scope of this certificate is considered accurate on the date of issuance. The current validity and scope, including the full list of products, shall be verified on <http://info.fsc.org>. The certificate shall remain the property of SCS, and this certificate and all copies or reproductions of this certificate shall be returned to SCS immediately upon request. Where a certificate covers more than one site, the covered products and processes/ activities are performed by the network of Participating Sites, and not necessarily by each of them.



The mark of
responsible forestry



A handwritten signature in black ink.

Maggie Schwartz, Director, Chain of Custody
SCS Global Services
2000 Powell Street, Ste. 600, Emeryville, CA 94608 USA

Printed: 28 May, 2021

FSC Chain of Custody - Arauco



CERTIFICATE OF REGISTRATION

This is to certify that the management system of:

Arauco North America, Inc., Arauco Canada Limited

Main Site: 400 Perimeter Center Terrace, Suite 750, Atlanta, Georgia, 30346, United States.

For additional sites covered by this Certificate see Annex dated 22-Sep-2023

complies with the requirements of:

Forest Stewardship Council® Chain of Custody Standard

for the following scope of certification

Product Types: P1 Pulp; P2 Paper; W5 Solid Wood; W6 Products from Planing Mill; W8 Wood panels; W9 Engineered wood products; W10 Wood package and similar; W11 Wood for construction.

Claims: FSC Mix, FSC Controlled Wood.

Systems Used: Transfer, Credit.

Certificate Type: Multisite COC Certificate.

Standard Versions: FSC-STD-40-003 V2-1, FSC-STD-40-004 V3-1, FSC-STD-40-005 V3-1, FSC-STD-40-007 V2-0, FSC-STD-50-001 V2-1.

Certificate Number:

0156928

Original Certification Date:

15 January 2001

Certification Effective Date:

23 September 2023

Issuing Date:

22 September 2023

Issue number: 1

Certification Expiry Date:

22 September 2028

FSC® code: SAI-COC-003948

SAI-CW-003948



The mark of
responsible forestry
FSC® A000519

Calin Moldovean

President, Business Assurance
SAI Global Certification Services Pty. Ltd.
650 Lorimer Street
Port Melbourne
VIC 3207
Australia



SAI Global Certification Services Pty Ltd, 650 Lorimer Street Port Melbourne VIC 3207 Australia with **QMI-SAI Canada Limited**, 20 Carlson Court, Suite 200, Toronto, Ontario M9W 7K6 Canada (INTERTEK SAI Global). This registration is subject to the INTERTEK SAI Global Terms and Conditions for Certification. In the issuance of this certificate, INTERTEK SAI Global assumes no liability to any party other than to the Client, and then only in accordance with the agreed upon Certification Agreement. This certificate's validity is subject to the organization maintaining their system in accordance with Intertek SAI Global's requirements for systems certification. The certificate remains the property of INTERTEK SAI Global, to whom it must be returned or destroyed upon request. The validity of this certificate shall be verified on www.info.fsc.org. The list of the products groups included in the scope of this certificate may be obtained from **SAI Global Certification Services Pty Ltd** upon request or found at www.info.fsc.org. This certificate itself does not constitute evidence that a particular product supplied by the certificate holder is FSC® certified or FSC® Controlled Wood. Products offered, shipped or sold by the certificate holder can only be considered covered by the scope of this certificate when the required FSC® Claim is clearly stated on invoices and shipping documents. CT-FSC-COC-SAIG-EN-LT-12.sep.22





APPENDIX TO CERTIFICATE OF REGISTRATION

These sites are registered under Certificate No: 0156928 issued on 22-SEP-2023. This appendix is linked to the Main Certificate and cannot be shown nor reproduced without it.

<u>File No.</u>	<u>Site</u>	<u>Effective Date</u>
1712382	Arauco Canada Limited - Sault Ste. Marie MDF 657 Baseline Road, Sault Ste. Marie, Ontario, P6A 5K6, Canada	15 AUG 2019
1712383	Arauco Canada Limited - St. Stephen MDF 151 Church St, St. Stephen, New Brunswick, E3L 5H1, Canada	15 AUG 2019
1712384	Arauco North America, Inc. – Moncure MDF 985 Corinth Road, Moncure, North Carolina, 27559, USA	15 AUG 2019
1712386	Arauco North America, Inc. - Biscoe Treating Facility 157 ATC Drive, Biscoe, North Carolina, 27209, USA	15 AUG 2019
1712387	Arauco North America, Inc. - Carolina Particleboard 582 Willamette Road, Bennettsville, South Carolina, 29512, USA	15 AUG 2019
1712389	Arauco North America, Inc. - Grayling Particleboard 5851 Arauco Road, Grayling, Michigan, 49738, USA	15 AUG 2019
1712390	Arauco North America, Inc. - Malvern MDF 1275 Willamette Road, Malvern, Arkansas, 72104, USA	15 AUG 2019
1712392	Arauco North America, Inc. - Duraflake Particleboard 2550 Old Salem Rd NE, Albany, Oregon, 97321, USA	15 AUG 2019
1712393	Arauco Wood Products, Inc. - Distribution Center 400 Perimeter Center Terrace, Atlanta, Georgia, 30346, USA	15 AUG 2019



SAI Global Certification Services Pty Ltd, 650 Lorimer Street Port Melbourne VIC 3207 Australia with **QMI-SAI Canada Limited**, 20 Carlson Court, Suite 200, Toronto, Ontario M9W 7K6 Canada (INTERTEK SAI Global). This registration is subject to the INTERTEK SAI Global Terms and Conditions for Certification. In the issuance of this certificate, INTERTEK SAI Global assumes no liability to any party other than to the Client, and then only in accordance with the agreed upon Certification Agreement. This certificate's validity is subject to the organization maintaining their system in accordance with Intertek SAI Global's requirements for systems certification. The certificate remains the property of INTERTEK SAI Global, to whom it must be returned or destroyed upon request. The validity of this certificate shall be verified on www.info.fsc.org. The list of the products groups included in the scope of this certificate may be obtained from **SAI Global Certification Services Pty Ltd** upon request or found at www.info.fsc.org. This certificate itself does not constitute evidence that a particular product supplied by the certificate holder is FSC® certified or FSC® Controlled Wood. Products offered, shipped or sold by the certificate holder can only be considered covered by the scope of this certificate when the required FSC® Claim is clearly stated on invoices and shipping documents. CT-FSC-Appendix



FSC Chain of Custody - Commonwealth

FSC CERTIFICATION RECORD



License Code:	FSC-C102748
Certificate Code:	SAI-COC-003358
Old certificate code:	SGSNA-COC-004386
Primary Certificate Holder	
Company Name:	Commonwealth Plywood Company Ltd. La Compagnie Commonwealth Plywood Ltée.
Local Name:	Commonwealth Plywood Company Ltd. La Compagnie Commonwealth Plywood Ltée.
Address:	15 boulevard Labelle-J7E 4H9 CANADA-QC - Quebec
Website	http://www.commonwealthplywood.com/
Certification status:	Valid
Date of first issue:	Mar 13, 2008
Last status update:	Mar 01, 2023
Expiry date:	Feb 29, 2028
Certified Forest Area:	N/A
Standards assessed:	FSC-STD-40-003 V2-1;FSC-STD-40-005 V3-1;FSC-STD-40-004 V3-1
Due diligence system for FSC controlled wood:	Yes

Group Members / Sites

ORGANIZATION	ROLE	THE CODE OF THE SITE	STATUS
Commonwealth Plywood Company Ltd.	COC - Site	SAI-COC-003358-J	Valid

FSC CERTIFICATION RECORD



ORGANIZATION	ROLE	THE CODE OF THE SITE	STATUS
Commonwealth Plywood Company Ltd.	COC - Site	SAI-COC-003358-N	Valid
Commonwealth Plywood Company Ltd.	COC - Site	SAI-COC-003358-OD	Valid
Commonwealth Plywood Company Ltd.	COC - Site	SAI-COC-003358-B	Valid
Commonwealth Plywood Company Ltd.	COC - Site	SAI-COC-003358-U	Valid
Commonwealth Plywood Company Ltd.	COC - Site	SAI-COC-003358-S	Valid
Commonwealth Plywood Company Ltd.	COC - Site	SAI-COC-003358-D	Valid
Commonwealth Plywood Company Ltd.	COC - Site	SAI-COC-003358-K	Valid
Commonwealth Plywood La Tuque – Sawmill (QC)	COC - Site	SAI-COC-003358-H	Valid
Commonwealth Plywood Low Sawmill	COC - Site	SAI-COC-003358-O	Valid
Commonwealth Plywood Mont-Laurier – Sawmill (QC)	COC - Site	SAI-COC-003358-T	Valid

FSC CERTIFICATION RECORD



ORGANIZATION	ROLE	THE CODE OF THE SITE	STATUS
Commonwealth Plywood Princeville - Veneer Plant	COC - Site	SAI-COC-003358-Y	Valid
Commonwealth Plywood Princeville Multigrade Veneer Plant	COC - Site	SAI-COC-003358-E	Valid
Commonwealth Plywood Shawinigan - Veneer Plant	COC - Site	SAI-COC-003358-W	Valid
Commonwealth Plywood Ste-Therese Veneer Plant	COC - Site	SAI-COC-003358-I	Valid
La Compagnie Commonwealth Plyw ood Ltée.	COC - Site	SAI-COC-003358-P	Valid
La Compagnie Commonwealth Plywood Ltée.-Sublime	COC - Site	SAI-COC-003358-	Valid

Produce

Products,Species,and product category details

PRODUCT CATEGORY:

NI Barks

TRADE NAME:

PRIMARY ACTIVITY:

FSC CERTIFICATION RECORD



Products,Species,and product category details

Primary Processor

SECONDARY ACTIVITY:

Primary Processor

MAIN OUTPUT CATEGORY:

FSC Controlled Wood;FSC Mix

TREE SPECIES:

Prunus serotina Ehrh.,Tilia americana L,Acer saccharinum,Acer spp.,Fraxinus americana,Betula alleghaniensis,Betula papyrifera,Quercus rubra,Pinus strobus

PRODUCT CATEGORY:

P3 Paperboard

TRADE NAME:

PRIMARY ACTIVITY:

Distributor/Wholesaler

SECONDARY ACTIVITY:

Distributor/Wholesaler

MAIN OUTPUT CATEGORY:

FSC Controlled Wood;FSC Mix;FSC 100%

TREE SPECIES:

Not Applicable

PRODUCT CATEGORY:

FSC CERTIFICATION RECORD



Products,Species,and product category details
W1 Rough wood
TRADE NAME:
PRIMARY ACTIVITY: Primary Processor
SECONDARY ACTIVITY: Primary Processor
MAIN OUTPUT CATEGORY: FSC Controlled Wood,FSC Mix
TREE SPECIES: Prunus serotina Ehrh.,Tilia americana L,Acer saccharum L,Acer spp.,Fraxinus americana,Betula alleghaniensis,Betula papyrifera,Quercus rubra,Pinus strobus
PRODUCT CATEGORY: W3.1 Wood chips
TRADE NAME:
PRIMARY ACTIVITY: Primary Processor
SECONDARY ACTIVITY: Primary Processor

FSC CERTIFICATION RECORD



Products,Species,and product category details

MAIN OUTPUT CATEGORY:
FSC Controlled Wood;FSC Mix

TREE SPECIES:
Prunus serotina Ehrh.,Tilia americana L,Acer saccharinum,Acer spp.,Fraxinus americana,Betula alleghaniensis,Betula papyrifera,Quercus rubra,Pinus strobus

PRODUCT CATEGORY:
W3.2 Sawdust

TRADE NAME:

PRIMARY ACTIVITY:
Primary Processor

SECONDARY ACTIVITY:
Primary Processor

MAIN OUTPUT CATEGORY:
FSC Controlled Wood;FSC Mix

TREE SPECIES:
Prunus serotina Ehrh.,Tilia americana L,Acer saccharinum,Acer spp.,Fraxinus americana,Betula alleghaniensis,Betula papyrifera,Quercus rubra,Pinus strobus

PRODUCT CATEGORY:
W5 Solid wood (sawn, chipped, peeled)

TRADE NAME:

FSC CERTIFICATION RECORD



Products,Species,and product category details

PRIMARY ACTIVITY:

Distributor/Wholesaler

SECONDARY ACTIVITY:

Distributor/Wholesaler

MAIN OUTPUT CATEGORY:

FSC Controlled Wood;FSC Mix;FSC 100%

TREE SPECIES:

Prunus serotina Ehrh.,Tilia americana L,Acer saccharum L,Acer spp.,Fraxinus americana,Betula alleghaniensis,Betula papyrifera,Quercus rubra,Pinus strobus

PRODUCT CATEGORY:

W5.2 Solid wood boards

TRADE NAME:

PRIMARY ACTIVITY:

Primary Processor

SECONDARY ACTIVITY:

Primary Processor

MAIN OUTPUT CATEGORY:

FSC Controlled Wood;FSC Mix

TREE SPECIES:

FSC CERTIFICATION RECORD



Products,Species,and product category details
Prunus serotina Ehrh.,Tilia americana L,Acer saccharinum,Acer spp.,Fraxinus americana,Betula alleghaniensis,Betula papyrifera,Quercus rubra,Pinus strobus
PRODUCT CATEGORY: W6 Products from planing mill
TRADE NAME:
PRIMARY ACTIVITY: Primary Processor
SECONDARY ACTIVITY: Primary Processor
MAIN OUTPUT CATEGORY: FSC Controlled Wood;FSC Mix
TREE SPECIES: Prunus serotina Ehrh.,Tilia americana L,Acer saccharinum,Acer spp.,Fraxinus americana,Betula alleghaniensis,Betula papyrifera,Quercus rubra,Pinus strobus
PRODUCT CATEGORY: W7 Veneer
TRADE NAME:
PRIMARY ACTIVITY: Secondary Processor

FSC CERTIFICATION RECORD



Products,Species,and product category details
SECONDARY ACTIVITY: Primary Processor
MAIN OUTPUT CATEGORY: FSC Controlled Wood;FSC Mix
TREE SPECIES: Carya spp.,Prunus serotina Ehrh.,Tilia spp.,Alnus rubra var. pinnatisecta Starker,Fagus sylvatica L.,Acer saccharinum,Acer spp.,Fraxinus spp.,Betula alleghaniensis,Betula papyrifera,Populus spp.,Quercus rubra
PRODUCT CATEGORY: W7 Veneer
TRADE NAME:
PRIMARY ACTIVITY: Distributor/Wholesaler
SECONDARY ACTIVITY: Distributor/Wholesaler
MAIN OUTPUT CATEGORY: FSC Controlled Wood;FSC Mix;FSC 100%
TREE SPECIES: Carya spp.,Prunus serotina Ehrh.,Tilia spp.,Alnus rubra var. pinnatisecta Starker,Fagus sylvatica L.,Acer saccharum L.,Acer spp.,Fraxinus spp.,Eucalyptus spp.,Betula alleghaniensis,Betula papyrifera,Populus spp.,Quercus rubra

FSC CERTIFICATION RECORD



Products,Species,and product category details
PRODUCT CATEGORY: W8.1 Plywood TRADE NAME: PRIMARY ACTIVITY: Distributor/Wholesaler SECONDARY ACTIVITY: Distributor/Wholesaler MAIN OUTPUT CATEGORY: FSC Controlled Wood;FSC Mix;FSC 100% TREE SPECIES: Amphimas ferrugineus AND A. pterocarpoides,Aucoumea klaineana Pierre,Tsuga spp. (Hemlock),Tsuga heterophylla (Raf.) Sarg,Pseudotsuga menziesii,Tilia spp.,Abies alba,Juglans spp.,Fagus sylvatica L.,Acer spp.,Picea abies,Eucalyptus spp,Betula maximowicziana,Betula pendula,Populus spp.,Pinus strobus
PRODUCT CATEGORY: W8.2 Particleboard TRADE NAME: PRIMARY ACTIVITY: Distributor/Wholesaler

FSC CERTIFICATION RECORD



Products,Species,and product category details
SECONDARY ACTIVITY: Distributor/Wholesaler MAIN OUTPUT CATEGORY: FSC Controlled Wood;FSC Mix;FSC 100% TREE SPECIES: Amphimas ferrugineus AND A. pterocarpoides,Aucoumea klaineana Pierre,Tsuga spp. (Hemlock),Tsuga heterophylla (Raf.) Sarg,Pseudotsuga menziesii,Tilia spp.,Abies alba,Juglans spp.,Fagus sylvatica L.,Acer spp.,Picea abies,Eucalyptus spp,Betula maximowicziana,Betula pendula,Populus spp.,Pinus strobus
PRODUCT CATEGORY: W8.3 Fibreboard TRADE NAME: PRIMARY ACTIVITY: Distributor/Wholesaler SECONDARY ACTIVITY: Distributor/Wholesaler MAIN OUTPUT CATEGORY: FSC Controlled Wood;FSC Mix;FSC 100% TREE SPECIES: Amphimas ferrugineus AND A. pterocarpoides,Aucoumea klaineana Pierre,Tsuga spp. (Hemlock),Tsuga heterophylla (Raf.) Sarg,Pseudotsuga menziesii,Tilia spp.,Abies alba,Juglans

FSC CERTIFICATION RECORD



Products,Species,and product category details
spp.,Fagus sylvatica L.,Acer spp.,Picea abies,Eucalyptus spp,Betula maximowicziana,Betula pendula,Populus spp.,Pinus strobus
PRODUCT CATEGORY: W11.1 Doors and door frames
TRADE NAME:
PRIMARY ACTIVITY: Distributor/Wholesaler
SECONDARY ACTIVITY:
MAIN OUTPUT CATEGORY: FSC Controlled Wood;FSC Mix;FSC 100%
TREE SPECIES: Carya spp.,Prunus serotina Ehrh.,Tilia spp.,Acer saccharum L,Acer spp.,Fraxinus spp.,Fagus sylvatica L,Betula alleghaniensis,Betula alleghaniensis,Betula papyrifera,Populus spp.,Quercus rubra
PRODUCT CATEGORY: W11.1 Doors and door frames
TRADE NAME:
PRIMARY ACTIVITY: Secondary Processor

FSC CERTIFICATION RECORD



Products,Species,and product category details

SECONDARY ACTIVITY:
Secondary Processor

MAIN OUTPUT CATEGORY:
FSC Controlled Wood;FSC Mix;FSC 100%

TREE SPECIES:
Amphimas ferrugineus AND A. pterocarpoides,Aucoumea klaineana Pierre,Tsuga spp.
(Hemlock),Tsuga heterophylla (Raf.) Sarg,Pseudotsuga menziesii,Tilia spp.,Abies alba,Juglans
spp.,Alnus rubra var. pinnatisecta Starker,Fagus sylvatica L.,Acer spp.,Picea abies,Eucalyptus
alba,Betula maximowicziana,Betula pendula,Populus spp.,Pinus strobus

FSC CERTIFICATION RECORD



* IMPORTANT NOTICE

Certification information and data are managed and maintained by the accredited Certification Body that issues the certificate. FSC makes no warranties about the accuracy, reliability, completeness, or timeliness of the information, text, documentation, graphics and links provided.

Certification information and data are managed and maintained by the accredited Certification Body that issues the certificate. FSC makes no warranties about the accuracy, reliability, completeness, or timeliness of the information, text, documentation, graphics and links provided.

Certification information and data are managed and maintained by the accredited Certification Body that issues the certificate. FSC makes no warranties about the accuracy, reliability, completeness, or timeliness of the information, text, documentation, graphics and links provided.

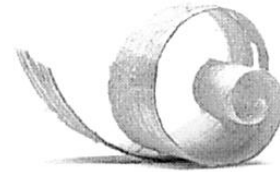
Limitation of Liability:

1. FSC 's statutory liability for damages shall be limited as follows: (i) FSC shall be liable only up to the amount of damages as typically foreseeable at the time of entering into these terms in respect of damages caused by a slightly negligent breach of a material contractual obligation (i.e. a contractual duty the fulfilment of which is essential for the proper execution of these terms, the breach of which endangers the purpose of the contract and on the fulfilment of which the you regularly rely); and (ii) FSC shall not be liable for damages caused by a slightly negligent breach of a non-material contractual obligation.
2. The aforesaid limitation of liability shall not apply to any mandatory statutory liability, in particular to liability for assuming a specific guarantee or liability for damages caused by wilful misconduct or gross negligence, or any kind of wilfully or negligently caused personal injuries.
3. To the extent FSC's liability is limited or excluded, the same shall apply in respect of any personal liability of FSC 's legal representatives, employees and vicarious agents.

FSC Chain of Custody - BP Products



BUILDING PRODUCTS OF CANADA CORP.



POTENTIAL CONTRIBUTION FOR LEED® CANADA FOR HOMES 2009 REQUIREMENTS

INNOVATION AND DESIGN
PROCESS (ID)

CREDITS	DURABLE STRATEGIES	POTENTIAL POINTS	CREDIT RELE-	CONTRIBUTION AND COMPLIANCE* NATURAL PANEL
ID 3.1	Innovative or regional design	1-4 points	Direct	COMMENTS
Requirements Prepare a written Innovative Design Request, to be submitted by the <i>LEED Canada for Homes</i> Provider to the CaGBC, explaining the merits of the proposed measure. This point should not be counted until <i>LEED Canada for Homes</i> has ruled on the request. This credit rewards innovative or regional measures that are not addressed elsewhere in the Rating System. A project can also receive 1 LEED point for exceeding the performance requirements of existing credits. Exemplary performance requirement MR 2.2: Recycled content Innovation and exemplary performance if the project reaches 30% or more of recycled content. Exemplary performance requirement MR 2.2: Regional materials Innovation and exemplary performance if the project reaches 40% or more of regional material.				The NATURAL panel from BUILDING PRODUCTS OF CANADA CORP. is a rigid panel produced from non-toxic organic materials and natural wood fibers that have been wax impregnated. The wax impregnation resists water penetration into the board. The density and rigidity of the board provide excellent noise control properties. The NATURAL panel contains a high pre-consumer and post-consumer recycled content as well as a high regional material percentage. These characteristics may help achieve exemplary performances for the following credits: MR 2.2: Recycled content MR 2.2: Regional materials

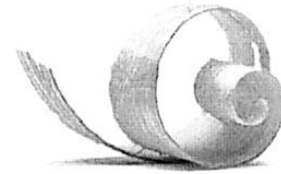
ENERGY AND ATMOSPHERE (EA)

EA 1	Optimize Energy Performance	Up to 28 - 34 points Or up to 5 points Based on the selected options	Direct	COMMENTS
Requirements Improve the overall energy performance of a home by meeting or exceeding the performance of ERS (EnerGuide) 76 or HERS 80. Prerequisites 1.1 Meet performance of ERS 76 or HERS 80 (0 points, required). Credits 1.2 Exceptional Energy Performance in ERS (EnerGuide) (maximum 28 points). Exceed the performance of ERS 76. Use table 151 below relating the EnerGuide Rating System (ERS) index to the appropriate number of LEED points. This path can also pursue EA 8 and EA 9 and must meet the prerequisites and satisfy the conditions and must comply with the Credit EA 8.1 Lighting requirements. OR 1.2 Exceptional Energy Performance in HERS (maximum 34 points). Exceed the performance of HERS 80. Use the table 15b below relating the Home Energy Standards (HERS) Index to the appropriate number of LEED points. There are two possible conformity paths in the Energy and Atmosphere category. If a project is allocated points for Credit EA 1.2 (SCE), Credits EA 2 to 6, 7.3 and 10 must be skipped. If a project is allocated points for Credit EA 1.2 (HERS), Credits EA 2 to 6, 7.3 and 8 to 10 must be skipped.				The NATURAL panel from BUILDING PRODUCTS OF CANADA CORP. is a rigid panel produced from non-toxic organic materials and natural wood fibers that have been wax impregnated. The wax impregnation resists water penetration into the board. The density and rigidity of the board provide excellent noise control properties. The NATURAL panel improves the energy efficiency of a building by adding a thermal resistance of R-3/inch.

BUILDING PRODUCTS OF CANADA CORP. has all required documents regarding LEED® and can rapidly provide information for a specific project



BUILDING PRODUCTS OF CANADA CORP.



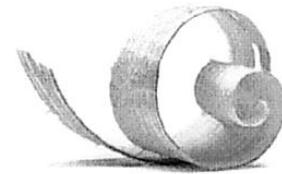
POTENTIAL CONTRIBUTION FOR LEED® CANADA FOR HOMES 2009 REQUIREMENTS

MATERIALS AND RESOURCES (MR)

CREDITS	DURABLE STRATEGIES	POTENTIAL POINTS	FSC® RELE-	CONTRIBUTION AND COMPLIANCE* NATURAL PANEL									
MR 2.1	Environmentally preferable products: FSC®-Certified Tropical Wood	(0) Required	Direct	COMMENTS The NATURAL panel from BUILDING PRODUCTS OF CANADA CORP. can contribute to this Prerequisite since it does not contain tropical wood components. BUILDING PRODUCTS OF CANADA CORP. can provide a compliance letter for this prerequisite in a certified project.									
Requirements Prerequisites 2.1: FSC®-Certified Tropical Wood. Meet the following two requirements, as applicable: A) Provide all wood-product suppliers with a notice (see figure 6, below) containing all the following elements: - a statement that the builder's preference is to purchase products containing tropical wood only if it is FSC®-Certified; - a request for the country of manufacture of each products supplied; <i>and</i> - a request for a list of FSC®-Certified tropical wood products the vendor can supply. B) If tropical wood is intentionally used (i.e., specified in purchasing documents), use only FSC-Certified tropical wood products. Reused or reclaimed materials are exempt.													
MR 2.2	Environmentally preferable products: FSC®-Certified wood	Does not contribute	Direct	COMMENTS BUILDING PRODUCTS OF CANADA CORP. is FSC® Mix Credit certified. Certificate code RA-COC-006310, FSC-C113184. Therefore, all of the BUILDING PRODUCTS OF CANADA CORP.'s products are made out of 100% controlled wood. FSC® certified NATURAL panel can be provided upon special request and availability. This product may thus contribute to this Credit since it is made of 61.9% (Natural panel 7/16 inch) and 66.2% (Natural panel 1/2 inch) wood components. The percentages are calculated according Credit MR 2.2 and exclude the post-consumer recycled content. <i>All data relating to components with certified wood have been validated by a third party - Vertima Inc.</i>									
Requirements Use building component materials that meet one or more of the criteria below: Except as noted otherwise below, 90% of the component, as defined in each category, must meet the specification shown. Wood frame: 90% of wood used for the wall structure must be FSC® certified.													
MR 2.2	Environmentally preferable products: Recycled content	0.5 point by component	Direct	COMMENTS The NATURAL panel can contribute to this Credit since it contains pre-consumer and post-consumer recycled content as shown in the table below: <table><tr><th>Product</th><th>Pre-consumer</th><th>Post-consumer</th></tr><tr><td>Natural panel 7/16 inch</td><td>55.1%</td><td>34.8%</td></tr><tr><td>Natural panel 1/2 inch</td><td>61.6%</td><td>31.3%</td></tr></table> Percentages of recycled content are calculated based on the total weight of the entire system and exclude the percentage of recycled content from internal waste of BUILDING PRODUCTS OF CANADA CORP. production as requested by LEED®. <i>All data relating to components with recycled content were identified and validated by a third party - Vertima Inc.</i>	Product	Pre-consumer	Post-consumer	Natural panel 7/16 inch	55.1%	34.8%	Natural panel 1/2 inch	61.6%	31.3%
Product	Pre-consumer	Post-consumer											
Natural panel 7/16 inch	55.1%	34.8%											
Natural panel 1/2 inch	61.6%	31.3%											
Requirements Environmentally preferable products 0.5 point each, maximum 8 points). Use building component materials that meet one or more of the criteria below. Except as noted in Table 24, a material must make up 90% of the component, by weight or volume. A single component that meets each criterion (i.e., environmentally preferable, low emissions, and local sourcing) can earn points for each. Roof, floor and walls—Insulation: must have 20% or more recycled content (0.5 point by components).													
BUILDING PRODUCTS OF CANADA CORP. has all required documents regarding LEED® and can rapidly provide information for a specific project													



BUILDING PRODUCTS OF CANADA CORP.



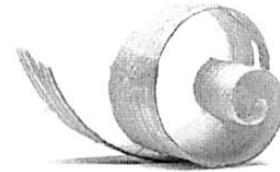
POTENTIAL CONTRIBUTION FOR LEED® CANADA FOR HOMES 2009 REQUIREMENTS

ENERGY AND ATMOSPHERE (EA)

CREDITS	DURABLE STRATEGIES	POTENTIAL POINTS	CREDIT RELE-	CONTRIBUTION AND COMPLIANCE* NATURAL PANEL
EA 2	Insulation	2 points	Direct	COMMENTS
Requirements Design and install insulation to minimize heat transfer and thermal bridging. Prerequisites 2.1 Basic Insulation (0 points, required) a. Install insulation that meets or exceeds the R-value requirements listed in Chapter 6 of the 2004 International Energy Conservation Code (Table 602.1) or the local building codes , whichever is the more stringent. Alternative wall and insulation systems, such as structural insulated panels (SIPs) and insulated concrete forms (ICFs), must demonstrate a comparable R-value , but thermal mass or infiltration effect cannot be included in the R-value calculation. b. Install insulation to meet the provincial or local standards. Installation must be verified by a Green Rater conducting a pre-drywall thermal bypass inspection. 2.2 Enhanced Insulation (2 points) a. Install insulation that exceeds the R-value requirements listed in Chapter 6 of the 2004 International Energy Conservation Code (Table 602.1) or the local building codes , whichever is the more stringent by at least 20% . Alternative wall and insulation systems, such as structural insulated panels (SIPs) and insulated concrete forms (ICFs), must demonstrate a comparable R-value , but thermal mass or infiltration effect cannot be included in the R-value calculation. b. Install insulation to meet grade 1 standards. Installation must be verified by a Green Rater conducting a pre-drywall thermal bypass inspection.				The NATURAL panel from BUILDING PRODUCTS OF CANADA CORP. is a rigid panel produced from non-toxic organic materials and natural wood fibers that have been wax impregnated. The wax impregnation resists water penetration into the board. The density and rigidity of the board provide excellent noise control properties. The NATURAL panel contributes to prerequisite and credit EA 2 since it improves the energy efficiency of a building by adding a thermal resistance of R-3/inch.
EA 3	Air Filtration	3 points	Direct	COMMENTS
Requirements Minimize energy consumption caused by uncontrolled air leakage into and out of conditioned spaces. Prerequisites 3.1 Reduce Envelope Leakage: Meet the air leakage requirements shown in table 17. The air leakage rate must be tested and verified by a Green Rater . Credits 3.2 Greatly Reduced Envelope Leakage (2 points). Meet the air leakage requirements shown in table 17. The air leakage rate must be tested and verified by a Green Rater . OR 3.3 Minimal Envelope Leakage (3 points). Meet the air leakage requirements shown in table 17. The air leakage rate must be tested and verified by a Green Rater .				The NATURAL panel from BUILDING PRODUCTS OF CANADA CORP. is a rigid panel produced from non-toxic organic materials and natural wood fibers that have been wax impregnated. The wax impregnation resists water penetration into the board. The density and rigidity of the board provide excellent noise control properties. However, BUILDING PRODUCTS OF CANADA CORP. has no control over the on-site installation technique or on the products used to seal the openings.
BUILDING PRODUCTS OF CANADA CORP. has all required documents regarding LEED® and can rapidly provide information for a specific project				



BUILDING PRODUCTS OF CANADA CORP.



POTENTIAL CONTRIBUTION FOR LEED® CANADA FOR HOMES 2009 REQUIREMENTS

MATERIALS AND RESOURCES (MR)

CREDITS	DURABLE STRATEGIES	POTENTIAL POINTS	CREDIT RELE-	CONTRIBUTION AND COMPLIANCE* NATURAL PANEL						
MR 2.2	Environmentally preferable products: Local production	0.5 point by component	Direct	COMMENTS						
Requirements Environmentally Preferable Products (0.5 point each, maximum of 8 points) Use building materials that meet one or more of the criteria below. Except as noted in table 24, a material must make up 90% of the component by weight or volume. A single component that meets each criterion (i.e., environmentally preferable, low emissions, and local sourcing) can earn points for each. Local production Use products that were extracted, processed, and manufactured within 800 km (500 miles) of home if moved by truck or within 2,400 km (1,500 miles) if moved by rail. Except as noted otherwise below, 90% of the component, as defined in each category, must meet the specification shown.				The NATURAL panel can contribute to this Credit since some of the components used in its manufacturing are extracted, collected, treated and recovered within 800 km or 2,400 km (depending on the transportation mean used) of the final production site. The percentages of regional materials are shown in the table below:						
				<table><tr><th>Product</th><th>Regional materials</th></tr><tr><td>Natural panel 7/16 inch</td><td>89.9%</td></tr><tr><td>Natural panel 1/2 inch</td><td>92.9%</td></tr></table>	Product	Regional materials	Natural panel 7/16 inch	89.9%	Natural panel 1/2 inch	92.9%
Product	Regional materials									
Natural panel 7/16 inch	89.9%									
Natural panel 1/2 inch	92.9%									
				The percentage calculation was performed by considering the requirements of Credit MR 2.2 and the maximum distance radius (which depends on the means of transportation used). The NATURAL panel is made in Pont-Rouge, QC, CAN (G3H 1S2). The origin of the main components and the mean of transportation used must be validated for every project. All data relating to regional materials have been validated by a third party - Vertima Inc.						
MR 2.2	Environmentally preferable products: Low emissions	0.5 point by component	Direct	COMMENTS						
Requirements Environmentally Preferable Products (0.5 point each, maximum of 8 points) Use building materials that meet one or more of the criteria below. Except as noted in Table 24, a material must make up 90% of the component by weight or volume. A single component that meets each criterion (i.e., environmentally preferable, low emissions, and local sourcing) can earn points for each. Low emissions : Comply with California «Practice for Testing of VOCs from Building Materials Using Small Chambers» (www.dhs.ca.gov/ehlb/IAQ/VOCs/Practice.htm).				The NATURAL panel can contribute to this Credit since the components used in its manufacturing by BUILDING PRODUCTS OF CANADA CORP. comply with the low emissions requirements. The NATURAL panel contains no volatile organic compound (VOC) and no added urea formaldehyde. All data relating to emissions have been validated by a third party - Vertima Inc.						
BUILDING PRODUCTS OF CANADA CORP. has all required documents regarding LEED® and can rapidly provide information for a specific project										



POINTS

TOTAL

UP TO 15.5 POINTS & UP TO 44.5 POINTS (BASED ON THE SELECTED OPTIONS)

The NATURAL panel can contribute up to a total of 15.5 points (prescriptive path) & 44.5 points (non-prescriptive path) for a LEED® Canada for Homes Project

* It is important to consider that the total amount of possible points reflects the number of achievable points in each credit categories. The product by itself cannot achieve this score, as defined above, but is considered as a beneficial element in order to achieve LEED® credits.

FSC Chain of Custody - Weston

Certificate SGSCH-COC-000535 / SGSCH-CW-000535

The Organization

Weston Premium Woods, a division of Richelieu Hardware Canada Ltd.

25 Automatic Rd., Brampton, Ontario, L6S 5N8, Canada

has been assessed and certified as meeting the requirements of

FSC™ Chain-of-Custody

The company was assessed against the following standards

FSC-STD-40-004 V3-1 - Chain of Custody Certification

FSC-STD-50-001 Requirements for use of the FSC trademarks by Certificate Holders

for the products detailed in the scope below:

The purchase of FSC 100%, FSC Mix, and FSC Controlled Wood impregnated/treated wood, solid wood boards, products from planing mill, veneer, wood panels, composite board, and high-pressure laminates, for the sale of FSC 100%, FSC Mix, and FSC Controlled Wood products to secondary manufacturers, via sales from inventory or direct shipment, and including sorting, planing, cutting-to-size, and lamination of panel products (on-site or by outsourced service providers), under the Transfer System.

This certificate is valid from 26 February 2024 until 25 February 2029 and remains valid subject to satisfactory surveillance audits.

Issue 3. Certified since 26 February 2019



Authorised by
Christian Kobel

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1, Place des Alpes, 1201 Geneva, Switzerland
t +41 (0)22 739 91 11 - www.sgs.com

The validity of this certificate shall be verified on <http://info.fsc.org/> For the full list of product groups covered by the certificate see <http://info.fsc.org/> This certificate itself does not constitute evidence that a particular product supplied by the certificate holder is FSC-certified [or FSC Controlled Wood]. Products offered shipped or sold by the certificate holder can only be considered covered by the scope of this certificate when the required FSC claim is clearly stated on sales and delivery documents. The certificate remains the property of SGS. The certificates and all copies or reproductions shall be returned or destroyed if requested by SGS



This document is an authentic electronic certificate for Client' business purposes use only. Printed version of the electronic certificate are permitted and will be considered as a copy. This document is issued by the Company subject to SGS General Conditions of certification services available on [Terms and Conditions](#) | SGS. Attention is drawn to the limitation of liability, indemnification and jurisdictional clauses contained therein. This document is copyright protected and any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful.



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FSC Chain of Custody - Daiken



Preferred by Nature hereby certifies that

Daiken North America Ltd.

61 Domtar Rd
Huntsville, ON P1H2J7
Canada

conform with the following standards:

FSC-STD-40-004 V3-1
FSC-STD-40-005 V3-1
FSC-STD-40-007 V2-0
FSC-STD-50-001 V2-1 EN

The certificate is valid from 21 March 2025 to 20 March 2030
Certificate version date: 20 May 2025

Certification scope

Single Chain of Custody and Controlled Wood

Certificate registration code

PBN-COC-080944
PBN-CW-080944

FSC® license code

FSC-C214511



Justinas Janulaitis
Management board member
Filosoofi 31, Tartu, Estonia

Specific information regarding products and/or sites is listed in the appendix(es) of this certificate. The validity and exact scope covered by this certificate shall always be verified at www.info.fsc.org. This certificate itself does not constitute evidence that a particular product supplied by the certificate holder is FSC certified [or FSC Controlled Wood]. Products offered, shipped or sold by the certificate holder can only be considered covered by the scope of this certificate when the required FSC claim is clearly stated on sales and delivery documents. The physical printed certificate remains the property of Preferred by Nature OÜ and shall be returned upon request.



Appendix A: Scope of Daiken North America Ltd.
FSC Chain of Custody and Controlled Wood Certificate
PBN-COC-080944 PBN-CW-080944

Product type	Trade name	Output FSC claims
P2	Treated/Raw Paper	FSC Mix
W8.2	Daiken North America board	FSC Mix; FSC Controlled Wood
W8.2	Daiken North America Z- core	FSC Mix; FSC Controlled Wood
W8.2.1	Daiken North America TFL	FSC Mix; FSC Controlled Wood



Product Attributes

Environmental Attributes

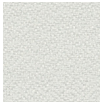
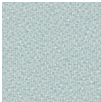
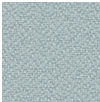
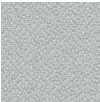
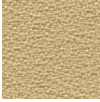
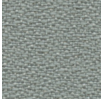
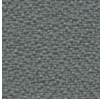
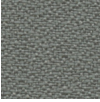
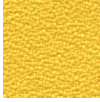
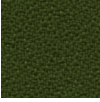
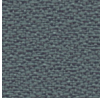
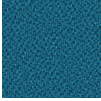
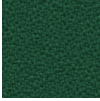
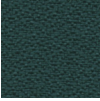
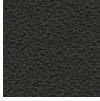
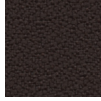
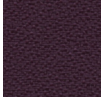
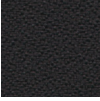
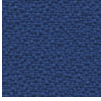
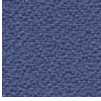
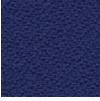
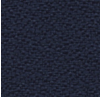
Element	Features	Benefits
Thermofused Laminates/ High Pressure Laminates	TSCA Title 6 Compliant	Formaldehyde emissions no more than .009ppm resulting in ultra low VOC emissions.
Paint Application/Surface Coatings	Powder Coat Paint	Electrostatic/thermal application. Provides thick, even durable coating, which emits extremely low VOC's. Powder coating is free of heavy metals, and much of the overspray can be recaptured for recycling.
Steel Bases	High Recyled Content	Product supplied with Steel tubular bases come from input recycled sources of up to 85%.
Design For The Environment	Removable Components	Ability to replace worn or damaged components with out the need to re-order product.
	Preference For Recycled Material	Design team gives preference to materials that either contain high percentages of recycled material, or are capable of being recycled at end of life.
	Reversible	Many components may be field reversible making it possible to reverse handing or orientation.
Design For Durability	Metal To Metal	Designs include metal to metal fasteners improving performance and long term durability.
	Product Testing	Testing is performed on standard products to ensure compliance and long service life of products and components.
Packaging	Bulk Packaging	Bulk packaging methods consolodate mulitple finished goods on skids separated by only small amounts of cardboard material. The cardboard material used in the application is comprised of over 80% recycled material.

Recycled Content, Fabric - Guilford of Maine

Recycled Content

Panel | Acoustic

Anchorage 2335

 White† 2664	 Drift 8570	 Pearl 8573	 Shell 8572	 Dune 8583	 North Star 8578	 Dew 8579	 Foam 8585	 Fog 8586	 Overcast 8575
 Vanilla 2130	 Birch 2129	 Angora 2035	 Goose 2049	 Cumin 2050	 Shadow 6694	 Breeze 8582	 Slate 2017	 Wolf 2027	 Asteroid 2053
 Lemon 2839	 Sunshine 2082	 Straw 2034	 Goldenrod 2090	 Pumpkin 2021	 Eucalyptus 2047	 Green Apple 2087	 Willow 2028	 Fern 2840	 Pine Needle 2022
 Geranium 2084	 Poppy 2091	 Red Delicious 2014	 Mulberry 2044	 Orchid 2843	 Quarry Blue 2026	 Bay 8703	 Waterfall 2691	 Turquoise 2841	 Deep Water 2051
 Fossil 2093	 Graphite 2079	 Coffee Bean 2083	 Aubergine 2036	 Onyx 2016	 Pool 2842	 Lapis 2094	 Thistle 2085	 Cobalt 2045	 Midnight 2025

† Suitable for printing



Anchorage 2335

Panel | Acoustic

Specifications

Content	100% post-consumer recycled polyester
Weight	15.2 ± 1.0 oz./lin. yd
Width	66" min. useable
Repeat	none

Cleaning Code

Standard Care Label W-S. Clean with water based cleaning agents, foam or pure, water free solvents. Vacuuming or light brushing is recommended to prevent dust and soil buildup. May also be disinfected with hydrogen peroxide, alcohol, and quaternary ammonium (quat) based cleaners.

Miscellaneous

- Application testing of this product is recommended.
- Colors may vary between dye lots.

Proudly woven in North America supporting our local communities.

Sustainability

100% recycled and recyclable



Renowned for its exceptional performance and style, Guilford of Maine has set industry standards in acoustics and panel fabrics for many decades. We present the Guilford of Maine Collection - a selection of timeless fabrics.

Performance

	Colorfastness to light (AATCC 16.3 Option 3) Grade 4 min. at 40 hours
	Colorfastness to crocking (AATCC 8) Grade 4 min. dry & Grade 3 min. wet
	Breaking Strength (ASTM D5034) 275 lbf min. warp and fill
	Flammability ASTM E84 Class I or A

Acoustical Performance

Our acoustic fabrics are all acoustically transparent. This represents the amount of sound that passes through the fabric.

Acoustic Transparency:	85%
------------------------	-----

For more detailed results, please consult our website.

This pattern is included in the underwriters laboratory panel fabric recognition program. Additional testing of this U.L. recognized fabric is not required on approved panels from participating manufacturers.

Certification Marks owned by the Association for Contract Textiles, Inc.



Recycled Content, Steel - Dofasco

ArcelorMittal Dofasco G.P.
Flat Carbon Steel



March 4th, 2021

To Whom It May Concern:

Re: ArcelorMittal Dofasco Product Compliance with LEED® Green Building System Requirements – *Recycled Content and Regional Materials*

We confirm that building structures and components made from ArcelorMittal Dofasco flat rolled steel comply with the *Recycled Content and Regional Materials* requirements outlined under the *Materials and Resources* key performance category of LEED® rating systems. The details of these specific contributions are outlined below.

Recycled Content

Recycled steel is an essential raw material for ArcelorMittal Dofasco steelmaking operations, but especially for our electric arc furnace (EAF) steelmaking stream. The sheet steel produced via EAF steelmaking is applied to a wide variety of building products, and uses an average of 22% pre-consumer scrap and 34% post-consumer scrap. These recycled content categories are defined in accordance with the terms of CAN/CSA-ISO 14021, and do not include “home scrap”, which is internally generated scrap steel from steel processing operations.

Regional Materials

ArcelorMittal Dofasco's steelmaking operations are located in Hamilton, Ontario, a scrap-rich region of Canada due to the large amount of auto part production, general manufacturing and metal processing that occurs in the area, as well as the high collection rates generated from municipal “blue box” recycling programs. While it is not possible to identify the exact location from which all steel scrap is collected, we can confirm that the steel scrap used in our steelmaking operations is acquired from several recycling facilities located within 5 km of our Hamilton steel mill, which for the purpose of the LEED® green building program, is considered the raw material extraction point.

For hot-dipped galvanized sheet steel shipped to customer locations in Quebec/Maritimes only:

Please note that pre-finished steel is shipped 500 km (310 miles) by road from our Hamilton, Ontario steelmaking operations to our galvanizing facility in Coteau-du-Lac, Quebec in order to receive final processing. This travel distance should be included in any regional material calculations. All other organic coated and metallic coated sheet steels for construction applications are produced at our galvanizing and coil coating lines in Hamilton.

To find out more about what ArcelorMittal Dofasco is doing in the area of environmental performance and

The information in this letter is provided for the general information of customers and does not imply any warranty. The interpretation and/or use of this information is the sole responsibility of the user. This information is provided to you on the following conditions: (1) ArcelorMittal Dofasco G.P. makes no representations or warranties as to any tests used in preparing this letter or the correctness of its contents; (2) ArcelorMittal Dofasco G.P. shall not be liable to you or any other person for the performance, suitability or fitness for any purpose of any material or item tested or investigated in the preparation of this letter, whether such liability is asserted on the basis of express or implied representations, warranties or conditions, in contract or tort, by statute or common law, or on any other basis; (3) you agree to hold ArcelorMittal Dofasco G.P. harmless against all liability that may be imposed on it in connection with this letter, the manufacture of any item in reliance on it, the use of any item so manufactured or the breach of any of these conditions.

ArcelorMittal Dofasco G.P.
Flat Carbon Steel



sustainability in Canada, visit <http://dofasco.arcelormittal.com/>.

Please feel free to contact me at 800-816-6333 ext. 6657 if you have any other questions regarding steel as a green building material in residential and commercial construction.

Sincerely,

Stan Lipkowski
Projects Manager, Construction and Manufacturing Products
Global R&D - Americas
Box 2460
1330 Burlington Street East
Hamilton, Ontario L8N 3J5
Canada
Tel (local): 905-548-7200 x6657
Toll free: 800-816-6333 x6657
stan.lipkowski@arcelormittal.com

The information in this letter is provided for the general information of customers and does not imply any warranty. The interpretation and/or use of this information is the sole responsibility of the user. This information is provided to you on the following conditions: (1) ArcelorMittal Dofasco G.P. makes no representations or warranties as to any tests used in preparing this letter or the correctness of its contents; (2) ArcelorMittal Dofasco G.P. shall not be liable to you or any other person for the performance, suitability or fitness for any purpose of any material or item tested or investigated in the preparation of this letter, whether such liability is asserted on the basis of express or implied representations, warranties or conditions, in contract or tort, by statute or common law, or on any other basis; (3) you agree to hold ArcelorMittal Dofasco G.P. harmless against all liability that may be imposed on it in connection with this letter, the manufacture of any item in reliance on it, the use of any item so manufactured or the breach of any of these conditions.

Recycled Content, Particle Board - Uniboard



ENVIRONMENTAL DATA SHEET



PARTICLEBOARD

Uniboard's particleboard stands out from the competition, thanks to its specially bonded, top-quality wood fibers, its smooth surface and exceptional machining ease, making it the ideal choice for commercial and residential applications. Manufactured at our state-of-the-art facilities across North America, Uniboard's particleboard is the perfect choice for designers, architects and manufacturers.

VALIDATED ECO-DECLARATION

PRODUCT SPECIFICATIONS	ENVIRONMENTAL IMPACTS	TECHNICAL PERFORMANCES
References Particleboard laminated or not laminated	Life Cycle Assessment	Performance tests ANSI A208.1-2022/ASTM E84
Final manufacturing location Sayabec, Quebec G0J 3K0 Val d'Or, Quebec J9P 5G6 CANADA	Reference service life	MANUFACTURER'S ENVIRONMENTAL MANAGEMENT ISO 14001 Certification
Composition Wood particles, UF resin, water, scavenger, catalyst, wax and melamine cellulose.	Product's carbon footprint	Extended Product Responsibility (Take Back Program)
ATTRIBUTES	Environmental Product Declaration Industry wide (generic) EPD, Type III, ISO 14025:2006 December 2023 to December 2028 The EPD excludes the laminated product.	Corporate Sustainability Report (CSR: GRI, ISO 26000, BNG 21000 or others)
Recycled content Pre consumer: 83.7% 86.5% Post consumer: 0%	INGREDIENTS AND EMISSIONS	CERTIFICATION(S) & CONFORMITIES
Sourcing of raw materials Data collection from suppliers has been conducted for the products components aligned with each specific environmental analysis.	Declaration of chemical ingredients 100 ppm	  
Certified Wood FSC Certified Wood FSC C002807	Type of declaration HPD® version 2.3 Health Product Declaration® January 2023 to January 2026	
Rapidly renewable materials	Emissions test	
Biobased materials	VOC	
	Formaldehyde ≤ 0.09 ppm	
	Others TSCA Title VI compliant	

Uniboard Canada Inc. is a leading North American manufacturer of engineered wood products, with installed capacity of over 600 million square feet of raw particleboard, high density and medium density fiberboard, of which over 50% is converted into value added TTL.

5555, Ernest Cormier Street – Suite 100, Laval, H7C 2S9, QC, Canada
www.uniboard.com

Master Format : 06 42 00
Validated Eco Declaration : VED16-1068-04
Original issue date : 05/2016
Period of validity : 2024/08 to 2025/08
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ENVIRONMENTAL DATA SHEET

PARTICULBOARD



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 – Environmental Product Declaration (EPD) Option 1: Environmental Product Declaration (1 point) The product contributes to this credit due to the availability of an industry wide (generic) EPD (Type III) and is valued as one half (1/2) of a product out of the 20 needed for the purposes of credit achievement.	Contribute	ENVIRONMENTAL IMPACTS Industry wide (generic) Type III EPD compliant to ISO 14025:2006 The EPD excludes the laminated product.
MR	Building Product Disclosure and Optimization – Sourcing of Raw Materials Option 2: Leadership extraction practices (1 point) Product meets at least one of the responsible extraction criteria: recycled content, wood product certification, biobased materials, extended producer responsibility.	Contribute	ATTRIBUTES Recycled Content: Pre consumer: 83.7% 86.5% FSC® Certified (When specified)
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 2.3 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 Composite Wood category, 100% of composite wood not covered by other categories must meet the Composite Wood Evaluation.	Does not contribute	INGREDIENTS AND EMISSIONS While the wood composite product meets the TSCA Title VI and/or CARB Phase 2 formaldehyde emissions requirements, it is not NAF or ULEF compliant.

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.

Validated Eco Declaration:
VED16-1068-04
Period of validity:
2024/08 to 2025/08
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ENVIRONMENTAL DATA SHEET

PARTICULBOARD



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 Prerequisite	Certified Tropical Wood All wood in the building must be nontropical, reused or reclaimed, or certified by the Forest Stewardship Council, or USGBC approved equivalent. For the purposes of this prerequisite, a tree species is considered tropical if it is grown in a location that lies between the Tropic of Cancer and the Tropic of Capricorn.	Contribute	ATTRIBUTES The product does not contain any tropical wood.
	Environmentally preferable products Option 2 : Environmentally preferable products (1 point) 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 Recycled Content: Pre consumer: 83.7% 86.5% FSC® Certified (100%) (When specified)
INDOOR ENVIRONMENTAL QUALITY		PRODUCT CONTRIBUTIONS	
EQ	Low-Emitting Materials (0.5-3 points) 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) v1.1 2010. Also, while the wood composite product meets the TSCA Title VI and/or CARB Phase 2 formaldehyde emissions requirements, it is not NAF or ULEF compliant.

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.

Validated Eco Declaration:
VED16-1068-04
Period of validity:
2024/08 to 2025/08

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Recycled Content, HPL - Wilsonart



WILSONART® HIGH PRESSURE LAMINATE
POST-CONSUMER RECYCLED CONTENT



DID YOU KNOW?

Wilsonart® HPL leads the industry in post-consumer recycled content used.*

What is post-consumer recycled content?

Consumer products like paper, newspapers, and cardboard boxes that have been used, recycled, and re-purposed.



WILSONART USED
746,000,000 lbs

OF POST-CONSUMER
RECYCLED CONTENT FROM
2000 TO 2023



SAVING MORE THAN
8,900,000

TREES



ENOUGH TO COVER
178,000 acres

LARGER THAN THE SIZE OF
CHICAGO, IL.

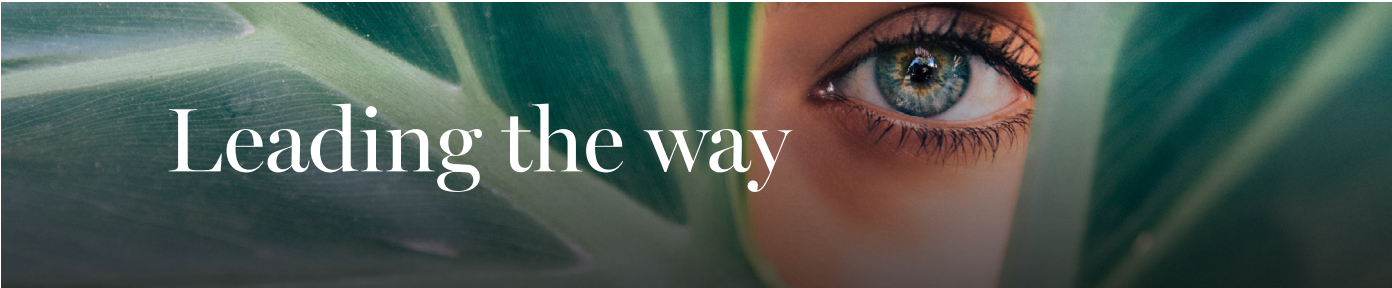


*ALL WILSONART POST-CONSUMER RECYCLED CONTENT IS SOURCED RESPONSIBLY FROM NORTH AMERICA.

Recycled Content, HPL - Wilsonart



WILSONART® HIGH PRESSURE LAMINATE
POST-CONSUMER RECYCLED CONTENT



Committed to conscious craftsmanship.

Sustainable manufacturing. Exceptional durability. A personal care throughout. Surfaces that reflect the values of architects, designers, and end users.



WILSONART CONTAINS ON AVERAGE

23%

POST-CONSUMER RECYCLED CONTENT – 2X MORE THAN ANY OTHER BRAND.



Learn more about how we act beyond the surface at
WILSONART.COM/SUSTAINABILITY



Recycled Content, Cardboard - Norus Packaging



**Bureau de normalisation
du Québec**
BNQ is a member of the National
Standards System (NSS)

CERTIFICATE

Certificate No.: 65295-1-01
Chain of custody No.: BNQ-COC-652951
and BNQ-CW-652951
License code No.: FSC-C120049

Initial certification date: December 24, 2013
Issuance date: June 20, 2023
Expiry date: June 13, 2028

The Bureau de normalisation du Québec (BNQ) certifies that
the chain of custody control system implemented by:

TENCCORR PACKAGING INC.

COVERING THE FOLLOWING PRODUCTS:

The purchase of FSC Mix, FSC Recycled and FSC
Controlled Wood linerboard or testliner and fluting for the
conversion, sale, and delivery of FSC Mix, FSC Recycled
or FSC Controlled Wood corrugated paper packaging
(Credit system - Single certificate with multiple sites)

AT THE ADDRESSES:

- Head office: 6 Shaftsbury Lane, Brampton (Ontario) L6T 3X7
- 1135 Courtney Park Dr E, Mississauga (Ontario) L5T 1S5

USING THE FOLLOWING TRACEABILITY METHOD:

Credit System

was audited and found to comply with the requirements of the
following standards:

FSC-STD-40-004 V3-1

FSC-STD-50-001 V2-1

Eric Vigneault, Chemist, Director of Operations
Bureau de normalisation du Québec



The mark of
responsible forestry

The list of species and FSC certified products covered by this certificate may be obtained at www.info.fsc.org.
The validity of the certificate may be verified at the address www.bnq.qc.ca/fr/certifies-certifies.html

Recycled Content, Hardboard - Metric Packaging

Signode Canada ULC
16 Cleve Court,
Halton Hills, ON, L7G 0L7
Phone: (905) 479 9754
www.signode.ca



June 25, 2025

Metric Packaging Solutions

50 Devon Road
Brampton, ON
L6T 5B5

Reference: Angleboard Recycle Statement

Signode brand **Angleboard** protective packaging material is manufactured using 100% recycled paper and is 100% recyclable. The paper used to produce our Angleboard is sourced through paper mills based in Canada.

We trust this information will be of some interest and we look forward to being of service on your future requirements.

Best regards,

SIGNODE CANADA ULC
Distribution Packaging Systems

Brian Beatty
Distribution Manager

Recycled Content, Stretch Wrap - Metric Packaging



Phone (201) 507-9100 - Fax (201) 507-0447

Recyclability of Stretch Film	January 1 st , 2025 – Dec 31 st , 2025
Dates Covered:	
Authorized Company Representative:	Brad Blankenship, Technical Manager, Sigma Stretch Film

Stretch film supplied from Sigma Stretch Film is made almost entirely of Linear Low Density Polyethylene (LLDPE) with small percentages of other types of polyethylene for property enhancement. All materials used in the production of Sigma Stretch Film are completely recyclable as low density polyethylene and have a RIC classification of 4. This Statement of Recyclability covers all blends produced and supplied by Sigma Stretch Film.

The Resin Identification Code (RIC) was developed in 1988 by the Plastics Industry Association. It was created for workers in the plastic and recycling industry to be able to sort and recycle plastics more efficiently.

Each RIC corresponds to a specific type of resin used in a plastic product. By recycling according to a product's RIC, the product is able to be properly recycled and have its value preserved. Twenty years after its creation, ASTM International, an international standards organization, took over the administration of the RIC.

The RIC only applies to plastic, not glass, paper, or any other recyclable materials.

For more information visit: <https://sn.astm.org/features/modernizing-resin-identification-code-ja13.html>


Brad Blankenship
Technical Manager
Sigma Stretch Film

Riverside CA 92507 Tulsa OK 74107 Shelbyville KY 40065 Lyndhurst NJ 07071 Belleville CN K8N-5A5

Recycled Content, Cardboard - Container Corporation



470 Finchdene Square
Scarborough, Ontario
M1X 1C2 Canada
Tel: (416) 321 1393
Toll Free: 866 886 8244
Fax: (416) 321 6007
sales@corneredgeproducts.com
www.corneredgeproducts.com

Certificate of Origin

May 5, 2025

Corner Edge Products Ltd

This is to confirm that all product purchased from Corner Edge Products
at 470 Finchdene Square, Scarborough ON M1X 1C2:

Is manufactured in Canada with 100% Domestic materials

Board Specifications

1. Filler: 100% Recycled Chip Board
2. Filler: 100% Recycled Liner Board
3. Top Sheet: 100% Recycled Liner Board
4. Glue: Poly Vinyl Acetate Emulsion

Graeme Reynolds – GM
Corner Edge Products LTD
470 Finchdene Sq, Scarborough,
Ontario, Canada M1X 1C2
P: (416) 321-1393 F: (416) 321-6007
Toll Free 1-844 321-1393

PROTECT-O-GUARD™
Edgeboard

WRAP-O-GUARD™
Flexible Edge Protectors

STRAP-O-GUARD™
Strap Protection

Container Corporation of CA - Recycling Statement

Container Corporation of Canada

68 Leek Crescent
Richmond Hill, Ontario L4B 1H1
Canada
(905) 764 - 3777
Fax: (905) 764 - 3784
Web site: www.containercorp.com



January 3, 2025

Recycling Statement

To Whom It May Concern:

At Container Corporation of Canada, we are committed to responsible waste management and minimizing our environmental impact. Our recycling program focuses on diverting various materials from landfills, including paper, plastic, and metal packaging. We work with local recycling facilities and encourage employees to participate in our recycling initiatives. We are proud of our waste diversion and look forward to further expanding our recycling efforts in the coming years.

Sincerely,

Courtney Threndyle
Project Manager
Container Corporation of Canada

Container Corporation of Canada - Recycled Content



1915 Marathon Ave
Neenah, WI 54956
EAASSURE@GAPAC.COM

Heather Bohm
Sr. Product Safety & Regulatory Compliance Manager
Koch Capabilities, LLC

4/7/2025

Container Corporation of Canada
68 Leek Crescent
Richmond Hill, ON L4B 1H1
CAN

RE: Recycled Content

Dear Corey Hunt:

You have requested information about the recycled content of corrugated sheets currently being manufactured at our Batavia, NY, facility. These products are estimated to have

- 76% total recycled content
- 69% post-consumer recycled content
- 24% virgin fiber, SFI® Certified Sourcing

These estimates are provided under the procedures and practices described in GP's Guide for Reporting Recycled Content, which considers general good manufacturing practices for the facility, as well as the paper and packaging sectors of the industry. These procedures are consistent with the Federal Trade Commission guidelines on environmental claims as well as other appropriate standards such as ASTM D-5663-15(2020) and 16 CFR 260.13(a).

We trust this information satisfies your request.

Sincerely,

A handwritten signature in blue ink that reads 'Heather Bohm'.

Heather Bohm
Sr. Product Safety & Regulatory Compliance Manager
Koch Capabilities, LLC



LEED

LEED Information - Uniboard Laminates

melamine

NEW

Setting the standard... in sustainability

Uniboard® melamine is not only refined in appearance and elegant in tone, it also encompasses the essence of sustainability in all of its product offerings. Manufactured using 100% recycled and recovered wood fiber (pre-consumer), all Uniboard® panels save trees and avoid landfills.

For a greener solution, choose a core from our extensive NU Green® collection. Using NU Green® panels can help you achieve up to six LEED® (Leadership in Energy & Environmental Design) points on your building projects.

NU GREEN® MR50
NAF - MDF

NU GREEN® 2
NAUF - MDF

NU GREEN® zero
NAUF / ULEF - Particleboard

NU GREEN® 2
NAUF - Particleboard

- Meets or exceeds CARB Phase 2 standards
- FSC® certified
- ECC™ certified
- Made from 100% recycled and recovered wood fiber (pre-consumer)
- Can help you achieve up to 6 LEED® points



**CARB
COMPLIANT**

Due to the resin binding system used to manufacture NU Green® panels; cutting, drilling, routing and glueing procedures may differ from those used with standard panels.

Although generally unproblematic, we recommend that you test NU Green® panels prior to full-scale production. For further details, please consult the NU Green® section of our website at www.uniboard.com.

Setting
the standard

Uniboard® thermofused melamine panels can potentially contribute to achieving Leadership in Energy & Environmental Design (LEED®)

				Obtain up to 5 LEED® points	Obtain up to 6 LEED® points
Category	Intention	Requirements	Credits & points	Particleboard, MDF & Melamine panels	NU Green® collection
INDOOR ENVIRONMENTAL QUALITY IEQ 4.4	Improve indoor air quality.	Composite wood products must contain no added urea formaldehyde resins.	1 point	N/A	NU Green® panels use no urea formaldehyde resins during the manufacturing process.
MATERIALS AND RESOURCES MR 4.1	Increase the use of products that incorporate recycled content material.	Sum of recycled content constitutes at least 10% of materials in the project.	1 point	Uniboard® particleboard, MDF and melamine is ECC™ certified, 100% recycled and recovered wood fiber (pre-consumer).	NU Green® panels are ECC™ certified, 100% recycled and recovered wood fiber (pre-consumer).
MATERIALS AND RESOURCES MR 4.2	Increase the use of products that incorporate recycled content material.	Sum of recycled content constitutes at least 20% of materials in the project.	1 point in addition to MR 4.1	Uniboard® particleboard, MDF and melamine is ECC™ certified, 100% recycled and recovered wood fiber (pre-consumer).	NU Green® panels are ECC™ certified, 100% recycled and recovered wood fiber (pre-consumer).
MATERIALS AND RESOURCES MR 5.1	Increase the use of materials that are extracted and manufactured within the project region.	Use a minimum of 20% of the combined value of construction materials and products manufactured within a 500-mile radius of the project.	1 point	Uniboard® particleboard, MDF and melamine is manufactured at various sites across Canada and may contribute to points based on the proximity of the project.	NU Green® panels are manufactured at our various sites in Canada and may contribute to points based on the proximity of the project.
MATERIALS AND RESOURCES MR 5.2	Increase the use of materials that are extracted and manufactured within the project region.	In addition to requirements of MR 5.1, use a minimum of 10% of the combined value of construction materials and products extracted, harvested or recovered, as well as manufactured within a 500-mile radius of the project.	1 point	Uniboard® particleboard, MDF and melamine uses wood fiber recovered locally from sources near our manufacturing facilities and may contribute to points based on the proximity of the project.	NU Green® panels use wood fiber recovered locally from sources near our manufacturing facilities and may contribute to points based on the proximity of the project.
MATERIALS AND RESOURCES MR 7	Encourage environmentally responsible forest management.	Use a minimum of 50% of wood-based and products that are Forest Stewardship Council® (FSC®) certified for building components. These components include, but are not limited to, structural framing and general dimensional framing, flooring, sub-flooring, wood doors and finishes. Only include materials permanently installed in the project. Furniture may be included, providing it is included consistently in MR Credits 3-7.	1 point	Uniboard® particleboard, MDF and melamine is FSC® certified.	NU Green® panels are FSC® certified.

LEED Information - Tafisa Laminates



Une société du groupe / A company of the group



LEED

Leadership in Energy and Environmental Design

This document briefly explains the LEED program and how Tafisa's particleboard Tafipan® and melamine panels Tafilam® (and their EVOLO versions) can help you obtain LEED credits.

LEED is an internationally recognized green building certification system, providing third-party verification that a building or community was designed and built using strategies aimed at improving performance across all the metrics that matter most: energy savings, water efficiency, CO₂ emissions reduction, improved indoor environmental quality, and stewardship of resources and sensitivity to their impacts.

Developed by the U.S. Green Building Council (USGBC), LEED provides project managers and builders with a concise framework for identifying and implementing practical and measurable green building design, construction, operation and maintenance solutions.

This certification supports a whole-building approach to sustainability by recognizing high standard performance in the following categories:

	Sustainable Site Development (SS)		Locations & Linkages (LL)
	Water Efficiency (WE)		Awareness & Education (AE)
	Energy & Atmosphere (EA)		Innovation in Design (ID)
	Materials & Resources (MR)		Regional Priority (RP)
	Indoor Environmental Quality (IEQ)		

To be awarded a LEED certification, a building project must be granted a minimum number of credits from an independent audit through the independent Green Building Certification Institute (GBCI.org) which classifies its rating as certified, silver, gold or platinum.

The Canadian division of the Green Building Council (CAGBC) promotes the LEED certification program but with a few minor adaptations that take into account Canadian climates, construction practices and regulations. Make sure to use the right version (U.S. or Canadian) depending on the location of your project.

Total possible credits using Tafisa's panel	maximum 6 points
Total credits attainable	100 base points; 6 points ID; 4 points RP
Credits required to be LEED Certified	40 – 49 points
Credits required to achieve LEED Silver	50 – 59 points
Credits required to achieve LEED Gold	60 – 79 points
Credits required to achieve LEED Platinum	80 points and more

Note that the information in this text is based on the following LEED documentation:

- USA - LEED, New Construction & Major Renovation, version 2009.
- Canada - LEED® CANADA POUR LES NOUVELLES CONSTRUCTIONS ET LES RÉNOVATIONS IMPORTANTES, version 2009
- U.S. Green Building Council website (usgbc.org)
- Conseil du bâtiment durable du Canada website (cagbc.org)

April 20, 2018

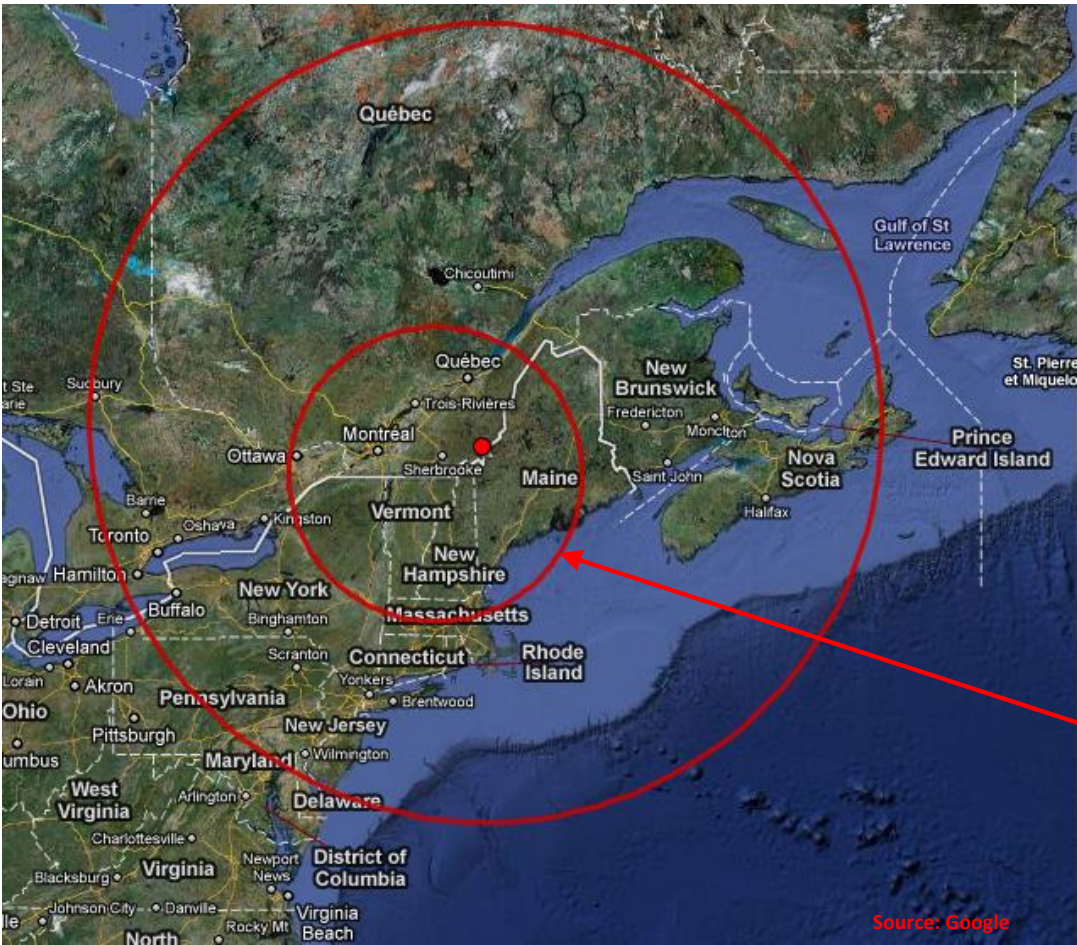


OBTAIN UP TO 6 LEED POINTS

TAFIPAN® particleboards and TAFILAM® melamine panels and their “EVOLO” versions can help you obtain points for your LEED certification (Leadership in energy and environmental design)

CATEGORIES	INTENT	REQUIREMENTS	POINTS	PARTICLEBOARD TAFIPAN® AND MELAMINE TAFILAM®
MATERIALS AND RESSOURCES MR Credit 4: RECYCLED CONTENT	Reduce impacts resulting from extraction and processing of virgin materials.	Use materials with recycled content such that the sum of postconsumer recycled content plus 1/2 of the post-consumer content constitutes at least 10% or 20%, based on cost, of the total value of the materials in the project.	At least 10% 1 point At least 20% 2 points	Urban/post-consumer recycled wood fibers: 30% Recovered/post-industrial recycled wood fibers: 70%
MATERIALS AND RESSOURCES MR Credit 5: REGIONAL MATERIALS	Support the use of indigenous resources and reduce the environmental impacts resulting from transportation.	Use building materials or products that have been extracted, harvested or recovered, as well as manufactured, within 500 miles (800 km) (2400 km for train shipments <i>(in the Canadian version only)</i>) of the project site for a minimum of 20% or 30%, based on cost, of the total materials value.	At least 20 % 1point At least 30 % 2 points (10% and 20% for the U.S. version)	All fibers used in Tafisa panels are locally-sourced from post-industrial and post-consumer wood recycling plants within an average of 220 km. All Tafisa panels are manufactured locally. Take a look at the map to see if your project is located within 500 miles of Tafisa's plant.
MATERIALS AND RESSOURCES MR Credit 7: CERTIFIED WOOD	To encourage environmentally responsible forest management.	Use a minimum of 50% (based on cost) of wood-based materials and products that are certified in accordance with the Forest Stewardship Council's principles and criteria, for wood building components.	1 point	Recovered and recycled post-industrial wood residues are used, which helps to stretch forest resources. Solid chain-of-custody wood fiber supply practices have also enabled Tafisa to secure the Forest Stewardship Council (FSC) Mixed Sources accreditation (SW-COC-003089). You have to specify “FSC panels” when placing your order. Please note that our EVOLO boards are automatically FSC certified.
INDOOR ENVIRONMENTAL QUALITY, IEQ - Credit 4.4: LOW-EMITTING MATERIALS—COMPOSITE WOOD AND AGRIFIBER PRODUCTS	To reduce the quantity of indoor air contaminants, which are odorous, irritating and/or harmful to the comfort and well-being of installers and occupants.	Composite wood and agrifiber products used for the interior of the building (i.e., inside the weatherproofing system) must contain no added urea-formaldehyde resins.	1 point	CARB ULEF Tafipan-Evolo™ panels ensure reduced VOC emission. CARB Executive N-18-169.

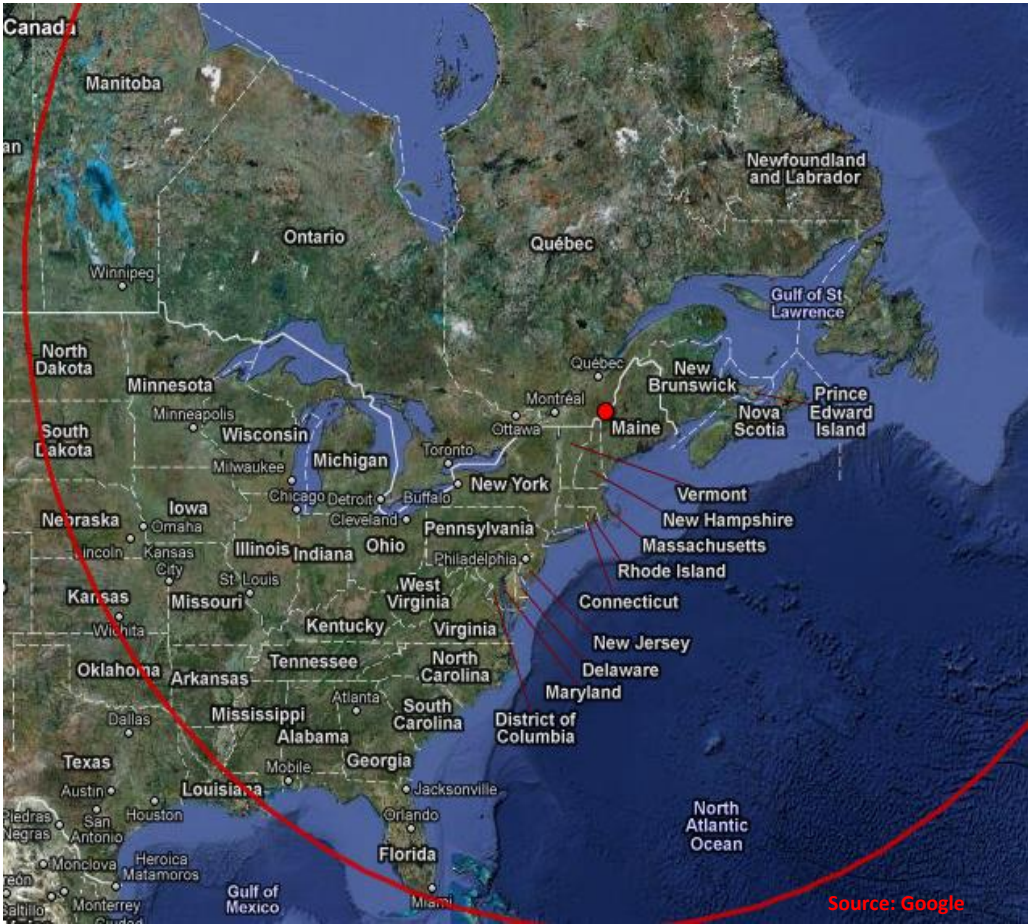
April 20, 2018



CITIES WITHIN A 500 mile (800 km) RADIUS	NB km
Montreal	209
Portland, Maine	220
Chicoutimi, Quebec	317
Boston, Massachusetts	360
Ottawa, Ontario	377
Moncton, N-B	476
Chibougamau, Quebec	545
Halifax, Nova Scotia	584
Val d'Or, Quebec	596
New York	599
Rochester, N-Y	600
Gaspé, Quebec	609
Rouyn-Noranda, Quebec	685
Philadelphia, Pennsylvania	718
Sudbury, Ontario	789

Tafisa's supply radius

April 20, 2018



PROVINCES WITHIN A 1500 mile (2400 km) RADIUS for train shipments (Canadian version only)
Quebec
Ontario
New Brunswick
Prince Edward Island
Nova Scotia
Newfoundland
Eastern, central and southern part of Manitoba

April 20, 2018

Social Responsibility

Employee Health & Safety Management

BRC is committed to the health and safety of all employees, contractors and visitors who are working for, or are visiting its facility. As such, its goal is to have a zero-accident rate. We believe that all accidents are preventable, and with appropriate training, orientation, and health and safety programs, as well as regulatory compliance. The health and safety policy is reviewed by the Joint Health and Safety Committee annually as are other health and safety policies when and as required. The health and safety policy is posted on the employee communication board, and it is also available on the common network drive for employee access. Further information can be obtained through a department manager.

Report

Part of its commitment to the health and safety of employees, contractors and visitors involves continuous improvement. BRC outlined several opportunities for improvement which it has implemented. The improvements include:

- Due diligence training completed for management and supervisory staff
- Creation of a workers Annual Health and Safety Training policy, which focuses on Health and safety laws, the internal responsibility system, safety awareness and safe work techniques and functions.
- Lock out tag out procedures
- Scissor Lift and boom lift training
- Forklift and Electric Pallet truck training for new operators as well as recertification for our existing operators
- Creation and implementation of BRC Contractor Safety Policy
- New Process, Chemical and Procedure Hazard and Risk Assessment policy and forms created and implemented.
- Launched Talent LMS training portal
- Enrolled in the Health and Safety Excellence Program
- Design and build of a new lunchroom / Training facility to be able to provide inhouse training for all staff.

For the 2024-year BRC recorded no loss time injury rate of 1.33%. This rate is 0.61% higher than the year previous, however major improvements were made with lost time injuries going from 1.45% to 0.00% in 2024.

Employee Health & Safety Management



Labour & Human Rights

BRC is committed to respect the basic human rights of its employees and associates. BRC commits to providing decent work hours, wages, conditions as well as upholding all regulatory requirements related to forced, compulsory or child labour.

Report

BRC has worked to improve several aspects of labour and human rights within the facility but also worked to extend the reach to our supply chain. In 2024 BRC requested declarations from our vendors to acknowledge conformity to key areas of social responsibility including Labour and human rights, working conditions, maintaining workplaces that are free of discrimination and harassment, as well as fairness, environmental commitments and absence of child labour. BRC has received 100% of the requested declarations and will continue to hold future supply chain partners accountable to the same principles.

BRC has reviewed and developed in addition to many of its internal policies and procedures for continuous improvement and has outlined several opportunities. BRC has updated copies of the Ontario employment standards, which have been posted for employee reference.

BRC awarded 6 promotions internally to Office Employees and 7 promotions internally to Production Employees. This is in addition to position, pay, department and/ or shift transfers that were made in the year to both Office and Production Employees.

Per Business Management approvals, the Company was able to afford a minimum of a (3%) three percent increase implementation to both Salary and Hourly Employees.

Inclusiveness

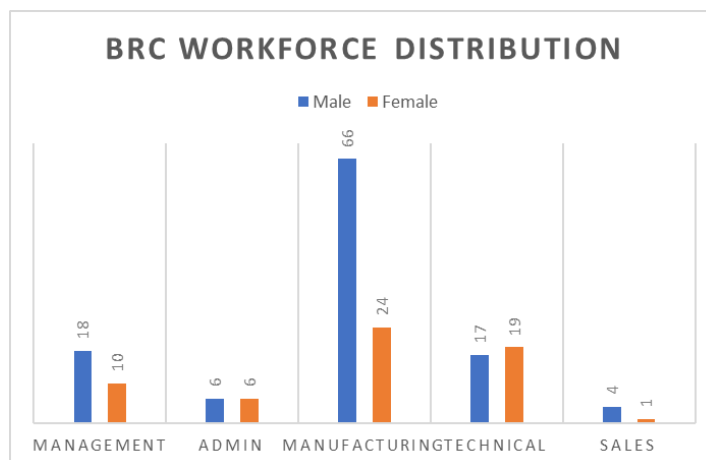
BRC is an equal opportunity employer. No person will be excluded based on the grounds of age, race, colour, creed, sex, sexual orientation, ancestry, place of origin, citizenship, marital or family status, disability or record of offenses. This policy applies to recruitment and hiring practices but also includes placement, promotion, transfer rate of pay and termination.

Report

BRC is committed to maintaining a work environment that consists of mutual respect that is free of prejudice, stereotyping, harassment and bullying. In order to facilitate this commitment BRC trains all staff including managers and team members on policies and programs that support a respectful workplace with the intent to eliminate any form of discrimination. Recently BRC engaged with team members using a survey that was designed to measure the effectiveness of training and provide a platform for team members to communicate any concerns that they may have. The survey was successful at demonstrating the effectiveness of the training and helped to illustrate several areas that can be explored further in future years for improvement.

BRC prides itself on the team members we employ and the diversity they bring to our team. Much of the diversity BRC experiences is thanks to employee referrals, which in many cases help to perpetuate the diversity within the organization. We thank all our team members who have helped to shape the diversity of our company with their referrals.

Statistics Reporting. BRC falls below the threshold required to report employee statistics to employment equity based on the four major categories. Women, aboriginal people, persons with disabilities, and members of visible minorities. However, BRC will report these statistics when the employment threshold is met. To date BRC employs a workforce that is comprised of 35% females and 65% male worker. The chart below outlines the general workforce distribution.



For more information contact: marketing@brc.group

24 Armstrong Ave
Georgetown, ON L7G 4R9
Phone: 905.873.8509
Toll Free: 1.877.260.4309
info@brc.group

