Uniboard® NU Green® FR MDF is an engineered wood product that uses a special chemical system to achieve a Class A / Class 1 fire rated panel. NU Green® FR MDF is designed for interior use in residential, commercial and institutional applications, where a non-structural panel is required.

VALIDATED ECO-DECLARATION

PRODUCT SPECIFICATIONS

Uniboard Canada Inc. is a leading North American manufacturer of engineered wood products, with installed capacity of over 660 million square feet of raw particleboard, high-density and medium-density fiberboard, of which over 50% is converted into value-added TFL.

5555, Ernest Cormier Street, Laval, Quebec H7C 2S9 CANADA
www.uniboard.com

NU GREEN® FR MDF
Manufactured from softwoods and hardwoods, this renowned solid wood substitute is well suited to a range of applications, such as commercial and residential furniture, store fixtures, cabinets, millwork, moulding, flooring and slotwall. Uniboard's NU Green® FR MDF is available in a wide selection of dimension and thicknesses, as well as with a section of melamine color.

### ATTRIBUTES

#### RECYCLED CONTENT

<table>
<thead>
<tr>
<th>Components</th>
<th>Weight ratio</th>
<th>Pre-consumer</th>
<th>Post-consumer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wood fibers</td>
<td>74.7% - 76.8%</td>
<td>100%</td>
<td>0%</td>
</tr>
<tr>
<td><strong>Final product</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NU Green® FR MDF</td>
<td>100%</td>
<td>74.7% - 76.8%</td>
<td>0%</td>
</tr>
</tbody>
</table>

Validated Eco-Declaration – Recycled Content
Methodology: on-site audit, supply chain evaluation, analysis and validation of the recycled content data according to the weight ratio of each of the components used in the manufacturing the final product.

#### SOURCING OF RAW MATERIALS

<table>
<thead>
<tr>
<th>Weight ratio</th>
<th>Final manufacturing location</th>
</tr>
</thead>
<tbody>
<tr>
<td>100%</td>
<td>Mont-Laurier, Quebec J9L 3W3 CANADA</td>
</tr>
<tr>
<td></td>
<td>Sayabec, Quebec G0J 3K0 CANADA</td>
</tr>
<tr>
<td></td>
<td>Val-d’Or, Quebec J9P 5G6 CANADA</td>
</tr>
</tbody>
</table>

Validated Eco-Declaration – Sourcing of raw materials
Methodology: on-site audit, supply chain evaluation, analysis and validation of the sourcing of raw materials data according to the weight ratio of each of the components used in manufacturing the final product.

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight ratio</th>
<th>Location of suppliers</th>
<th>Extraction location</th>
<th>Transport from suppliers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wood fibers</td>
<td>74.7% - 76.8%</td>
<td>N/A</td>
<td>QC, ON and North-East of the United-States</td>
<td>Road</td>
</tr>
<tr>
<td>Fire-rated</td>
<td>14.1% - 14.5%</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Diisocyanate resin</td>
<td>3.7% - 3.8%</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Water</td>
<td>4.0% - 4.1%</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Wax</td>
<td>0.7% - 0.8%</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Melamine-Cellulose</td>
<td>0.0% - 2.8%</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

The origin and extraction location of raw materials have been documented for 74.7% - 76.8% of the final product weight ratio.
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/or omissions relative to the collection, compilation and/or interpretation of data.

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Validated Eco-Declaration: VED16-1068-06
Period of validity: 08/2019 to 08/2020

ENVIRONMENTAL DATA SHEET
NU GREEN® FR MDF

ATTRIBUTES (CONTINUED)

SOURCING OF RAW MATERIALS (CONTINUED)

HARVEST LOCATIONS OF WOOD FIBERS: (Details available upon request)
Canada (Quebec, New Brunswick and Ontario) and North East of the United States

RAW MATERIALS EXTRACTION ZONES

Final manufacturing location
NU Green® FR MDF
Uniboard (Sayabec mill)
Sayabec, Quebec CANADA -
G0J 3K0

Final manufacturing location
NU Green® FR MDF
Uniboard (Val-d’Or mill)
Val-d’Or, Quebec CANADA -
J9P 5G6

Final manufacturing location
NU Green® FR MDF
Uniboard (Mont-Laurier mill)
Mont-Laurier, Quebec CANADA -
J9L 3W3

Extraction zones of raw materials used in manufacturing

800 km
ENVIRONMENTAL DATA SHEET
NU GREEN® FR MDF

ATTRIBUTES (CONTINUED)

FSC® CERTIFICATION

FSC® Certified NU Green® FR MDF (When specified)

<table>
<thead>
<tr>
<th>NU Green® FR MDF</th>
<th>% Wood component</th>
<th>% FSC® - certified Wood</th>
<th>Total % FSC® - Certified wood used in the final assembly of the product versus the total weight of the wood components (based on weight ratio)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wood fibers</td>
<td>74.7% - 76.8%</td>
<td>74.7% - 76.8%</td>
<td>100%</td>
</tr>
</tbody>
</table>

Validated Eco-Declaration – FSC® Certification
Methodology: on-site audit, supply chain evaluation and validation of FSC certification documents confirming the type of certification and calculation, based on FSC certified wood weight ratio in the final product.

INGREDIENTS AND EMISSIONS

DECLARATION OF CHEMICAL INGREDIENTS

Type of declaration: Health Product Declaration® (HPD®) version 2.1.1
Period of validity: July 15, 2019 to July 15, 2022
The content of Uniboard NU Green® FR MDF was assessed for health hazard warnings as required using Pharos1.

HPDC repository URL: http://www.hpd-collaborative.org/hpd-public-repository/

The Health Product Declaration® and logo is owned by the Health Product Declaration® Collaborative and is used with permission.

Declarations:
- Prepared by Vertima inc., third party approved by HPDC
- Ingredients inventory threshold: 1,000 ppm
- Full disclosure of intentional ingredients: Yes
- Full disclosure of known hazards: Yes

Hazard(s) associated with the product ingredients:

This HPD Standard describes a declaration of product content and direct health hazards associated with exposure to its individual contents. The Declaration is not an assessment of risks associated with actual use of the product. It does not address the potential health impacts of substances used or created during manufacture that do not appear in the final product as residuals, nor substances created during combustion or other degradation processes.

Highest concern GreenScreen® Benchmark: Benchmark 12

- Physical hazard
- Global warming
- Ozone depletion
- Multiple
- Unknown

1Pharos Project: Database that provides human and environmental health information of chemicals, materials, and building products. (http://www.pharosproject.net)
2GreenScreen (GS) Benchmark scores of chemical ingredients: Benchmark 1 (Avoid, chemical of high concern), Benchmark 2 (Use but search for safer substitutes), Benchmark 3 (Use but still opportunity for improvement), Benchmark 4 (Prefer, safer chemical).
ENVIRONMENTAL DATA SHEET
NU GREEN® FR MDF

INGREDIENTS AND EMISSIONS (CONTINUED)

DECLARATION OF CHEMICAL INGREDIENTS (CONTINUED)

<table>
<thead>
<tr>
<th>Composant</th>
<th>Rôle</th>
<th>Rapport massique</th>
<th>CAS¹</th>
<th>GreenScreen²,³</th>
<th>Autre pointage applicable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Particles wood</td>
<td>Main component</td>
<td>74.7 % - 76.8 %</td>
<td>9004-34-6</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Fire-rated</td>
<td>Fire-rated</td>
<td>14.1 % - 14.5 %</td>
<td>Undisclosed</td>
<td>LT-UNK</td>
<td>BM-4</td>
</tr>
<tr>
<td>Water</td>
<td>Humidity</td>
<td>4.0 % - 4.1 %</td>
<td>7732-15-5</td>
<td>BM-4</td>
<td></td>
</tr>
<tr>
<td>Diisocyanate Resin</td>
<td>Resin</td>
<td>3.7 % - 3.8 %</td>
<td>Multiple</td>
<td>LT-UNK</td>
<td></td>
</tr>
<tr>
<td>Wax</td>
<td>Repellant</td>
<td>0.7 % - 0.8 %</td>
<td>64742-61-6</td>
<td>LT-1</td>
<td></td>
</tr>
<tr>
<td>Melamine-cellulose</td>
<td>Finishing</td>
<td>0.0 % - 2.8 %</td>
<td>Undisclosed</td>
<td>BM-1</td>
<td>LT-1, LT-P1, LT-UNK</td>
</tr>
</tbody>
</table>

¹Only the CAS numbers with the score of highest concern are listed. The complete list of substances can be found in the HPD®.
²GS List Translator (LT) scores of chemical ingredients: LT-1, likely GS Benchmark 1; LT-P1, possible GS Benchmark 1; LT-U or LT-UNK, present on GS Specified Lists but there is insufficient information to classify the hazards as LT-1 or LT-P1 (does not mean the chemical is safe).

Validated Eco-Declaration – Declaration of chemical ingredients
Methodology: validation of the documentation confirming the methodology and reporting of chemical ingredients.

TECHNICAL PERFORMANCES

PERFORMANCE TESTS


• Medium Density Fiberboard (MDF) for Interior Applications Standard ANSI A208.2-2016;
• Flame Spread Index: Class 1 or A ASTM E84;
• 24-hour water submersion test from ASTM D1037, complies with ANSI A208.2 MR10 requirements and TSCA Title VI compliant;

WARRANTY

Lifetime warranty when NU Green® FR MDF are used for the purpose for which they have been designed, that is to say for indoor use.

MANUFACTURER’S ENVIRONMENTAL MANAGEMENT PROGRAM

MANUFACTURER’S COMMITMENT

Respect for the environment underlines Uniboard®’s entire manufacturing process. Our environmental policy is based on the sustainable use of natural resources and was implemented with the health and well-being of our employees, customers and the community in mind.

Our environmental audit program helps us stay abreast of changing rules and regulations while identifying potential risks in our operations.
Long before environmental concerns became mainstream, Uniboard was in the forefront by recycling post-industrial wood waste otherwise destined to be burnt or sent to landfill.

Today, we continue to ensure the proper use of wood fiber waste into value-added and environmental friendly products. Uniboard recuperates and reuses post-industrial and urban wood waste to reduce wood fiber consumption and land filling.
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/or omissions relative to the collection, compilation and/or interpretation of data.

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It is important to note that the points identified above are linked with each of the credits where the product contributes as part of a LEED® v4 certification process. The product itself is only one element among others to reach the target score.