



## NATUR-CHANV/HEMP™

Natur-Chanv/Hemp™ is a batt insulation made of hemp fiber for thermal insulation in residential and commercial buildings. It can be used to insulate ceilings, walls, floors and roofs. The batt insulation is easily installed by inserting it manually so as to fill the volume between two sections of the frame.

The Natur-Chanv/Hemp™ batt insulation is produced using an innovative industrial process that gives it high mechanical resistance and stability that prevents subsidence in the long term.

## VALIDATED ECO-DECLARATION

PRODUCT SPECIFICATIONS	ENVIRONMENTAL IMPACTS	TECHNICAL PERFORMANCES
<b>References</b> Natur-Chanv/Hemp™	<b>Life Cycle Assessment</b> October/2020	<b>Performance tests</b> CAN/ULC : S703-09, S702-14, S135. ASTM: C1338-19, E1354, C209-20, D3806-19a.
<b>Final manufacturing location</b> Val des Sources, QC J1T 4T7 CANADA	<b>Reference service life</b> 75 years <small>(According to cradle-to-grave PCR)</small>	<b>MANUFACTURER'S ENVIRONMENTAL MANAGEMENT</b>
<b>Composition</b> Hemp fiber and polyester fiber.	<b>Product's carbon footprint</b> -	
<b>ATTRIBUTES</b>	<b>Environmental Product Declaration</b> Product-specific EPD, Type III ISO 14025:2006      March 2021 to March 2026	<b>ISO 14001 Certification</b> -
	<b>Recycled content</b> Pre-consumer: 0% Post-consumer: 0%	<b>INGREDIENTS AND EMISSIONS</b>
<b>Sourcing of raw materials</b> Data collection from suppliers has been conducted for the products components aligned with each specific environmental analysis.	<b>Declaration of chemical ingredients</b> 100 ppm	
<b>Certified Wood</b> -	<b>Type of declaration</b> HPD® version 2.2 Health Product Declaration® June 2021 to June 2024	<b>CERTIFICATION(S) &amp; CONFORMITIES</b>
<b>Rapidly renewable materials</b> Hemp fiber	<b>Emissions test</b> -	
<b>Biobased materials</b> -	<b>VOC</b> -	
	<b>Formaldehyde</b> -	

First manufacturer in North America of high energy efficiency Natur-Chanv/Hemp™ hemp fiber and Natur-Bois/Wood™ wood fiber batt insulation for the construction market and the cold storage market for food and pharmaceutical products.

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# ENVIRONMENTAL DATA SHEET

NATURE-CHANV/HEMP™



## PRODUCT CONTRIBUTION SUMMARY

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

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

### LEED® v4 requirements for Interior Design + Construction (ID+C)

Commercial Interiors, Retail and Hospitality.

MATERIALS AND RESOURCES		PRODUCT CONTRIBUTIONS	
<b>MR</b>	<p><b>Building Product Disclosure and Optimization – Environmental Product Declaration (EPD)</b></p> <p><b>Option 1: Environmental Product Declaration (1 point)</b></p> <p>The product contributes to this credit due to the availability of a product-specific Type III EPD and are valued as 1 whole product out of the 20 needed for the purposes of credit achievement.</p>	<b>Contribute</b>	<p><b>ENVIRONMENTAL IMPACTS</b></p> <p>Product-specific EPD, Type III compliant to ISO 14025:2006</p>
<b>MR</b>	<p><b>Building Product Disclosure and Optimization – Material Ingredients</b></p> <p><b>Option 1: Material ingredients reporting (1 point)</b></p> <p>The product contributes to this credit due to the availability of Health Product Declarations®. They are valued as 1 whole product out of the 20 needed for the purposes of credit achievement.</p>	<b>Contribute</b>	<p><b>INGREDIENTS AND EMISSIONS</b></p> <p>HPD® version 2.2 Health Product Declaration®</p>

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

The data included in this Environmental Data Sheet has been provided by the client and the suppliers, who are responsible for its veracity and its integrity. Vertima follows a rigorous protocol, including an on-site audit of the factory, an audit of the manufacturer's supply chain documentation, and the analysis and validation of all supporting documents. However, Vertima cannot be held responsible for false or misleading information that may cause any loss or damage suffered, caused in all or in part, by errors and omissions relative to the collection, compilation and/or interpretation of data.

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