



ROOF INSULATION LEGERTOIT - LEGERPENTE

Legertoit and Legerpente systems made of type I, II or III expanded polystyrene insulation boards which are laminated with adhesive to securpan or fiber board panels or retrofit panels for roofing systems insulation.

Legertoit and Legerpente contain recycled material and are certified ECOLOGO for a healthy Building.

VALIDATED ECO-DECLARATION

| PRODUCT SPECIFICATIONS | ENVIRONMENTAL IMPACTS | TECHNICAL PERFORMANCES |
|---|--|---|
| References LEGERTOIT: Insulation Panel Type I-II-III - 4' x 4' LEGERPENTE: Insulation Panel Type I-II-III - 4' x 4' | Life Cycle Assessment - Reference service life - Product's carbon footprint - Environmental Product Declaration ISO 14025:2006 - | Performance tests CAN/ULC-S701 CAN/ULCS-126M DESIGN C7, C12 CCMC 12984-L CCMC 12836-L CCMC 13526-L ECOLOGO UL 2985 |
| Final manufacturing location Pointe-Claire, QC H9R 1B7 CANADA | INGREDIENTS AND EMISSIONS Declaration of chemical ingredients 1,000 ppm Type of declaration HPD® version 2.2 Health Product Declaration® March 2022 to March 2025 | MANUFACTURER'S ENVIRONMENTAL MANAGEMENT ISO 14001 Certification - Extended Product Responsibility - (Take Back Program) Corporate Sustainability Report - (CSR: GRI, ISO 26000, BNQ 21000 or others) |
| Composition EPS type I, EPS type II or EPS type III, recycled EPS, securpan or wood fiber panel or retrofit panel, adhesive. | Emissions test - VOC 0 g/L (Adhesive factory applied) Formaldehyde - Others - | CERTIFICATION(S) & CONFORMITIES   |
| ATTRIBUTES Recycled content Pre-consumer: 14.96% Post-consumer: 0% Sourcing of raw materials Data collection from suppliers has been conducted for the products components aligned with each specific environmental analysis. Certified Wood - Rapidly renewable materials - Biobased materials - | | |

Established in 1961, Le Groupe Legerlite is a pioneer in the expanded polystyrene industry. We offer a wide range of proven insulation solutions for building envelopes, roads and specialised products. Legerlite's mission is to offer superior quality products and services that are tailored to the needs of our customers.

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ENVIRONMENTAL DATA SHEET

ROOF INSULATION - LEGERTOIT AND LEGERPENTE



PRODUCT CONTRIBUTION SUMMARY

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

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

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

Commercial Interiors, Retail and Hospitality.

| MATERIALS AND RESOURCES | | PRODUCT CONTRIBUTIONS | |
|------------------------------|---|--------------------------------|---|
| MR | Building Product Disclosure and Optimization – Sourcing of Raw Materials Option 2: Leadership extraction practices (1 point) Requirements - Use products that meet at least one of the responsible extraction criteria: Recycled content, Wood products Certification, Bio-based materials, Extended producer responsibility. | Contribute | ATTRIBUTES Recycled Content: Pre-consumer: 14.96% Post-consumer: 0% |
| 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 2.2 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. (Ceilings, walls, thermal, and acoustic insulation) For the Ceilings, Walls, Thermal, and Acoustic Insulation category, 100 % of ceilings, walls, thermal, and acoustic insulation must meet the general emissions evaluation. For Healthcare and Schools, batt-insulation must also comply with additional formaldehyde requirements. | Do not Contribute ¹ | INGREDIENTS AND EMISSIONS ¹ Must be tested and determined compliant to the California Department of Public Health (CDPH) Standard Method v1.1-2010. (Legertoit and Legerpente Insulating do not contain any added formaldehyde, including urea formaldehyde, phenol formaldehyde, and urea-extended phenol formaldehyde.) |

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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