

ENVIRONMENTAL DATA SHEET



PANEL WITH ROCK-WOOL CORE

The Noroc® architectural panel is a firerated, insulated panel designed for the construction of building envelopes.

The core comprises a noncombustible, rigid stone-fiber insulation board made from natural basalt rock and recycled slag.

VALIDATED ECO-DECLARATION

PRODUCT SPECIFICATIONS

References

Noroc®-L

Final manufacturing location

Saint-Hyacinthe, QC J2S 8A2 CANADA

Composition

Fire-rated insulation, pre-painted galvanized steel, sealants, adhesive.

ATTRIBUTES

Recycled content

Pre-consumer: 4.7% - 7.3% Post-consumer: 6.5% - 11.2%

Sourcing of raw materials

Data collection from suppliers has been conducted for the products components aligned with each specific environmental analysis.

Certified Wood

Biobased materials

Rapidly renewable materials

ENVIRONMENTAL IMPACTS

Life Cycle Assessment Under renewal

Reference service life

Product's carbon footprint

Environmental Product Declaration

Product specific, Type III ISO 14025:2006

Under renewal

1 000 ppm

0 g/L - 49

INGREDIENTS AND EMISSIONS

Declaration of

chemical ingredients

Type of declaration HPD® version 2.3 Health Product Declaration®

Health Product Declaration® September 2025 to September 2028

Emissions test

VOC

g/L

Depending on product used

(Sealants applied in-house or on-site) (Adhesive factory applied)

Formaldehyde

Others

TECHNICAL PERFORMANCES

Performance tests

CAN/ULC S101, S102, S126, ASTM E72, ASTM E84, ASTM E119

MANUFACTURER'S ENVIRONMENTAL MANAGEMENT

ISO 14001 Certification

Extended Product Responsibility

- (Take Back Program)

Corporate Sustainability Report

(CSR: GRI, ISO 26000, BNQ 21000 or others)

CERTIFICATION(S) & CONFORMITIES





For over 35 years, the Norbec Group has been offering innovative, value-added solutions to its customers' needs. With the introduction in 2008 of the Norex® and Noroc® lines, Norbec Architectural now offers a complete range of solutions for building envelopes that combine advances in insulation with construction expertise.

Master Format: 07 42 43 Validated Eco-Declaration: VED17-1061-03

Original issue date : 2012/11 Period of validity : 2025/09 to 2026/09

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PRODUCT CONTRIBUTION SUMMARY

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

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

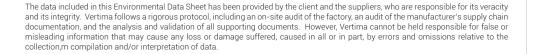
LEED® v4 requirements for Interior Design + Construction (ID+C)

Commercial Interiors, Retail and Hospitality.

MATERIALS AND RESOURCES		PRODUCT CONTRIBUTIONS	
MR	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 a product specific EPD (Type III) and is valued as 1 whole product out of the 20 needed for the purposes of credit achievement.	EPD under renewal	ENVIRONMENTAL IMPACTS Product-specific EPD Type III EPD compliant to ISO 14025:2006
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: 4.7% - 7.3% Post-consumer: 6.5% - 11.2%
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) The number of points depends on the LEED® rating system chosen and the number of compliant categories. For the Ceilings, Walls, Thermal, and Acoustic Insulation category, 100 % of ceilings, walls, thermal, and acoustic insulation must meet the general emissions evaluation. Additional conditions apply for healthcare and schools. Batt insulation products may contain no added formaldehyde, including urea formaldehyse, phenol formaldehyde, and urea-extended phenol formaldehyde.	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) v1.2-2017. (The Noroc® architectural panel does 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.







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Commercial Interiors, Retail and Hospitality.

ENERGY AND ATMOSPHERE		PRODUCT CONTRIBUTIONS	
EA Prerequiste 2	Minimum Energy Performance Option 1: Whole-building energy simulation or at the scale of the rental space, according to the system Option 2: Prescriptive compliance: ASHRAE 50% Advanced Energy Design Guide Option 3: Prescriptive compliance: Advanced Buildings™ Core Performance™ Guide	Contribute	TECHNICAL PERFORMANCES The Noroc® architectural panel contributes to this prerequisite. Its polyurethane insulation has a thermal insulation factor of R-4 per inch of thickness.
EA	Optimize Energy Performance Option 1: Whole-building energy simulation or at the scale of the rental space, according to the system BD+C (1-20 points) and ID+C (1-25 points) Option 2: Prescriptive compliance: ASHRAE Advanced Energy Design Guide BD+C (1-6 points) and ID+C (1-16 points)	Contribute	TECHNICAL PERFORMANCES The Noroc® architectural panel contributes to this prerequisite. Its polyurethane insulation has a thermal insulation factor of R-4 per inch of thickness.

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.

