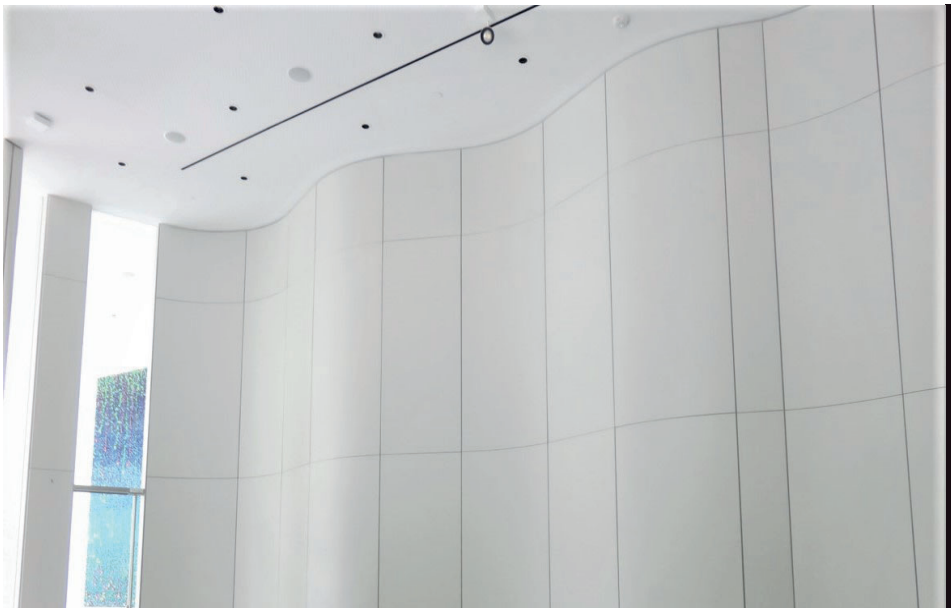
skyacoustics

ENVIRONMENTAL DATA SHEET



NEXUS ACOUSTICAL CEILING AND WALL PANELS

Nexus Panels are the ultimate in wall panels. From a simple Kindergarten classroom panel to a complex curved piece of artwork, the Nexus wall panels will create the perfect combination of acoustics and aesthetics. Available in many fabrics from Guilford of Maine, Carnegie and Maharam, to our proprietary coated system available in any color you can imagine.

VALIDATED ECO-DECLARATION

PRODUCT SPECIFICATIONS

References
Nexus panels (Acoustical, High Impact, High Impact Ultimate or Nova)

Final manufacturing location
Concord, ON L4K 1K5 CANADA

Composition
Fiberglass, perforated co-polymer, HDF, adhesive, resin, high density scrim, fabric, veil and hardware.

ATTRIBUTES

Recycled content
Pre-consumer: 0.0% - 30.5%
Post-consumer: 14.5% - 48.6%

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 -

ENVIRONMENTAL IMPACTS

Life Cycle Assessment May 2022

Reference service life -

Product's carbon footprint -

Environmental Product Declaration
Product Specific (EPD) Type III
ISO 14025:2006 September 2022 to September 2027

INGREDIENTS AND EMISSIONS

Declaration of chemical ingredients 1.000 ppm

Type of declaration HPD® version 2.3
Health Product Declaration®
December 2022 to December 2025

Emissions test CDPH Compliant
Total VOCs after 14 days (336 hours): 0.5 mg/m³ or less

VOC -

Formaldehyde -

Others -

TECHNICAL PERFORMANCES

Performance tests
- ASTM C423
- ASTM E84
- CAN/ULC S102-18

MANUFACTURER'SENVIRONMENTAL MANAGEMENT

ISO 14001 Certification -

Extended Product Responsibility -
(Take Back Program)

Corporate Sustainability Report -
(CSR: GRI, ISO 26000, BNQ 21000 or others)

CERTIFICATION(S) & CONFORMITIES

Sky Acoustics Inc. is a premier manufacturer of architectural acoustical panel systems. From ceilings to walls, from wood to coatings, Sky-Acoustics has full range of solutions for all projects.

55 Bradwick Drive, Concord ON L4K 1K5 CANADA
www.sky-acoustics.com

Master Format : **09-51-13**
Validated Eco-Declaration : **VED22-1099-07**
Original issue date : **2022/12**
Period of validity : **2022/12** to **2023/12**

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VERTIMA ® VALIDATED ECO-DECLARATION

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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 Type III EPD and is valued as 1 whole product out of the 20 needed for the purposes of credit achievement.	**Contribute**	**ENVIRONMENTAL IMPACTS** Product-specific Type III EPD compliant to ISO 14025:2006
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 a Health Product Declaration® and is 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® Except for Nexus High Impact Ultimate Ceiling and Wall panels
MR	**Building Product Disclosure and Optimization — Material Ingredients** **Option 2: Leadership extraction practices (1 point)** The number of points depends on the LEED® rating system chosen and the number of compliant categories. Product meets at least one of the responsible extraction criteria: recycled content, wood product certification, biobased materials, extended producer responsibility.	**Contribute**	**ATTRIBUTES** Recycled content Nexus Acoustical: Pre-consumer 0% - 30.5%; Post-consumer 18.6% - 48.6% Nexus High impact: Pre-consumer 4.6% - 30.0%; Post-consumer 17.5% - 44.3% Nexus High impact Ultimate: Pre-consumer 0% - 29.6%; Post-consumer 17.7% - 47.1% Nexus Nova: Pre-consumer 0% - 26.0%; Post-consumer 14.5% - 41.4%

INDOOR ENVIRONMENTAL QUALITY		PRODUCT CONTRIBUTIONS	
IEQ Prerequisite	**Minimum Acoustic Performance (C+CB: Schools) Classrooms and core learning spaces < 20,000 cubic feet (566 cubic meters)** **Option 1** For each room, confirm that the total surface area of acoustic wall panels, ceiling finishes, and other soundabsorbent finishes equals or exceeds the total ceiling area of the room (excluding lights, diffusers, and grilles). Materials must have an NRC of 0.70 or higher to beincluded in the calculation.	**Contribute**	**ATTRIBUTES** The product, which has an NRC of 0.90, may contribute to this credit if the interior design is coherent with the design.
IEQ	**Low-emitting materials** **Option 1. Product Category Calculations (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.	**Contribute**	**INGREDIENTS AND EMISSIONS** The product with fabric finish used as wall or ceiling panel was tested and determined compliant in accordance with California Department of Public Health (CDPH) Standard Method (CDPH) v1.2-2017 for both classroom and private office settings for panels used as ceiling and for classroom settings for panels used as walls.

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,m compilation and/or interpretation of data.

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