

Verified Material Platform

EcoSpex. Inspiring Change.
Building our Future



EcoSpex SaaS platform was built over years of research and groundbreaking collaboration between experts in the built environment and building science.

Leaders in verifying healthy and sustainable building materials and technologies for the Construction Industry.

Welcome to EcoSpex

What is it?

EcoSpex is a B2B online platform that helps Architects, Engineers, General Contractors, Interior Designers, Developers and sustainability professionals dramatically streamline the material, technology evaluation, reducing the sustainability and performance documentation process from hours to minutes.

Who is it for?

Our vision for EcoSpex is to create a Canadian platform to allow our users access to verified construction materials, water, low carbon, cleantech, and age-in-place, dementia technologies automated for green and healthy building rating programs.

How does it work?

We have automated manufactures data, and the major rating programs to provide an accurate set of documents helping project teams meet sustainability and performance goals. Reducing 60+ documents to 5! Access manufacturers documents 24/7.

The platform provide options to search by product type, verified products, CSI or Masterformat, material, company, building type, manufacturer country, product certificates and more. Our home page features Verified products already completed and those in review, product substitutions or alternatives as well as compare, save to project teams. Users can alert EcoSpex to nominate a product that they have worked with.



Insulation Natural Fibres
Manufactured in Quebec, CA

Material Facts Passport
Declared unit

Materials	
Fiberglass	5%
Clay, Sand, Borates, Soda Ash	47%
Carbon	
Manufacturing (A1-A3)	10.33 kg CO ₂ e
End of Life (C1-C6)	20.5 kg CO ₂ e
Circularity	
Recycling Content	72%
Take-Back-Service	YES
Water	
Freshwater use (A1-A3)	132 Liters
Health	
Total VOC	0.5 g/m ²
Free from REACH restricted substances list	
Certifications	
BES 680 Certification	
Cradle to Cradle Certified	
Environmental Product Declaration (ISO 14025 and EN 15804)	
Health Product Declaration	

Generated by EcoSpex Inc. June 2024

DESIGN

Access verified listings of manufacturers sustainability and performance data all in one place verified to ISO 9001 protocols.

FIND

Interpret the impact of your design to support embodied carbon, water and circularity before you start drawing. Find the most innovative, locally sourced products to meet your requirements.

SELECT

Compare products easily, communicate your choices and contact manufacturers.

SPECIFY

Join our free weekly tech talks on materials and email alerts of new materials getting vetted right to your inbox.

Why use it – Benefits

Reducing your effort to collect, analyse, and align product manufacture documents for green and healthy buildings.

Rapid Assessment



- Streamlined document collection and analysis.
- Automation simplifies the collection and vetting of manufacturers' documents.
- Access standardized product data that is Canadian content to include performance and sustainability requirements.
- Deliver on multiple projects with increased margins. Improve the project team's productivity!
- Spend less time getting approvals for product choices.

Seamless Integration



- Access standardized EcoSpex Premium Listing, EDPs, HPDs, (1 page), compare for embodied carbon, water and circularity rankings (A+-D),
- Our automation simplifies the complex decision and documentation process, providing clear and concise information to our users.

SaaS Platform



- Search our intuitive online platform designed for the AEC to browse, review, save, store and share with project teams.
- Comprehensive Product Analysis enables professionals to access product substitutions results.
- Enhanced transparency empowers professionals to make informed choices quickly and confidently.

Custom Dashboards



- Tap into our powerful customizable dashboard and tailor your material workflow to your project's unique needs for your project.
- Access what document you need in a standardized format.

EcoSpex Verified Listing Enhances Trust and Quality Assurance



- EcoSpex rigorously analyses and verifies sustainable materials and technologies, fostering innovation and responsible building practices.
- Products are assessed through our ISO 9001 quality assurance process, developed by scientists and experts, building trust. It ensures a rigorous and transparent assessment process, aligning with standards like USGBC's LEEDv.1, WELL®, ILFI, Fitwel, BOMA, Green Globes, International Passivhaus Institute and BREEAM.
- Sustainability attributes comply to International Passivhaus Institute.





How does it relate to green and healthy building standards?

Automation provides our proprietary alignment letters addressing manufacturer product contributions to various healthy and green building rating standards to include USGBC's LEED®, WELL®, ILFI, International Passivhaus Institute, Fitwel, Green Globes, BOMA and BREEAM.

The EcoSpex alignment letter can be used to contribute to various types of green building rating programs which helps project teams and manufacturers meet the requirements to support the submission documentation process.

Building Trust

Our evaluation process is anchored by our ISO 9001 quality assurance process that has been developed by scientists and our team of experts. We provide an independent third-party analysis of the manufacturer's product data by putting it through a validation and standardization process.



Verified Data



Evaluation



Standardized Documents



What's Next!

EcoSpex Pilot Project

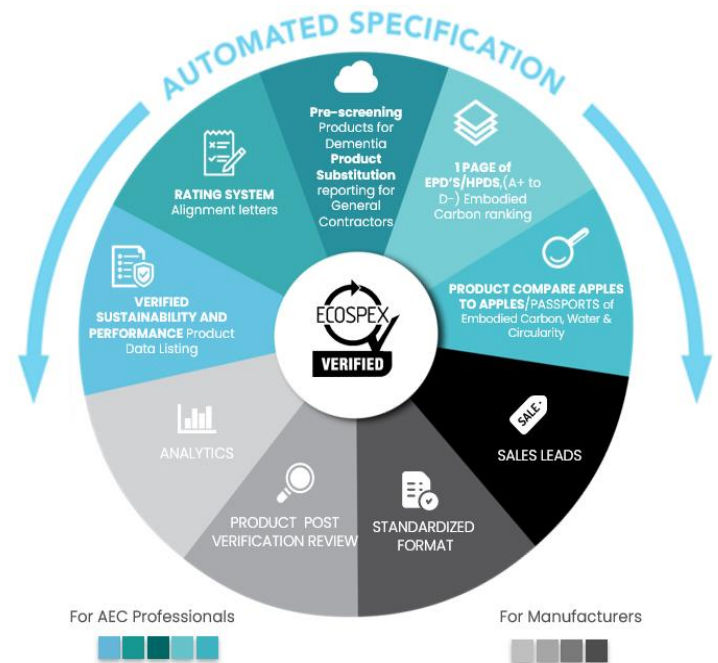
We believe transformation happens through collaboration. Currently in pilot phase, we are excited to show you our automation sustainability reporting and discuss how we can work together to grow manufacturers in the platform. We look forward to connecting with you.

Timeline



Next Generation of EcoSpex

EcoSpex SaaS platform was built over years of research and groundbreaking collaboration between experts in the built environment and building science. Learn more about what's next, for the platform and new tools! Register to learn more.



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