



Sustainability Plan and Standards

33 MacIntosh Blvd, Concord, ON L4K 4L5

[\(647\) 477-2200](tel:6474772200)

sales@sky-acoustics.com

Our Mission:

At Sky Acoustics, we strive for innovation, new ideas, and continuous growth. As part of our commitment to greater sustainability, we focus on integrating eco-conscious design principles and responsible manufacturing practices into every step of our process. This dedication is exemplified in the sustainable core options we provide, designed to improve the performance and functionality of our acoustic ceilings and wall panels while reducing their environmental impact.

By continuously exploring new ways to minimize waste, optimize resources, and create more responsible products, we aim to not only enhance the spaces where people live and work but also actively contribute to a more sustainable and resilient future for generations to come.

Goal 1: Reduce Overall Energy Consumption (Short-term Goal)

Introduction: In our commitment to reducing our environmental footprint and operating costs, this goal aims to optimize energy use across all company operations. Enhancing energy efficiency contributes to global efforts to reduce energy demand and greenhouse gas emissions.

Strategy: Upgrade equipment to more energy-efficient models, optimize manufacturing processes, and conduct regular energy audits.

Impact: Lower operational costs and reduced environmental footprint.

Pillar 1: Energy Efficiency and Climate Action

We are committed to reducing our environmental footprint by prioritizing energy efficiency in all operations. By optimizing processes, we aim to minimize energy consumption and contribute to global efforts to combat climate change.

Why it Matters:

Energy efficiency not only lowers operational costs but also plays a critical role in reducing greenhouse gas emissions, Helping us contribute to a more sustainable future.

Goal 2: Implement a Product Take-Back Program (Long-Term Goal)

Introduction: Our product take-back program is designed to ensure that end-of-life products are collected and recycled, reducing environmental impact, and fostering responsible consumption and production patterns among our customers.

Objective: Launch a take-back program by 2030 to facilitate the recycling and repurposing of products at the end of their lifecycle.

Strategy: Develop a logistics and processing system to collect used products from customers, ensuring they are recycled or responsibly disposed of.

Expected Impact:

- **Environmental Impact Reduction:**
 - Decrease the amount of waste sent to landfills.
 - Minimize resource extraction by recycling materials for reuse.
- **Support Circular Economy Principles:**
 - Promote the reuse of materials, reducing the need for virgin resources.
 - Enhance the lifecycle of products by repurposing materials for new uses.
- **Strengthen Customer Loyalty:**
 - Demonstrate our commitment to sustainability and corporate responsibility.
 - Provide customers with a tangible way to participate in environmental conservation.
 - Enhance brand reputation and customer satisfaction by offering sustainable product lifecycle solutions.

Pillar 2:

Sustainability starts with the efficient use of resources. By tracking and managing the use of materials used in the manufacturing process we can reduce waste, adopt new and better systems for material efficiency, and reduce the environmental impact of our products.

Why it Matters:

Reducing material waste plays a significant role in lowering the overall environmental impact and minimizing the manufacturing waste footprint. By cutting down on waste that reaches landfills, we not only contribute to a cleaner environment but also promote greater eco-consciousness within the acoustical industry. This approach aligns with sustainable practices and reinforces the importance of responsible manufacturing.

Goal 3: Reduce Production Waste (long-term Goal)

Introduction: This goal focuses on enhancing efficiency and sustainability in our manufacturing processes by reducing the waste produced. It promotes resource conservation and operational efficiency, which are crucial for sustainable growth.

Objective: Reduce waste generated in production processes by 15% by 2030

Strategy: Optimize material usage through better design and process improvements and reuse off-cuts and scrap where possible.

Expected Impact: Lower waste production will decrease disposal costs and contribute to a more sustainable production model.

Pillar 3: Product Life Cycle Management

We believe in extending the life cycle of our products through responsible consumption and recycling practices. Our circular economic approach promotes reusing, recycling, and repurposing materials to reduce waste and dependence on raw resources.

Why It Matters:

By reusing and recycling materials, we reduce reliance on finite natural resources, preserving them for future generations and reducing the environmental impact of resource extraction.

Goal 4: Invest in Sustainable Material and Technology R&D (Long/Short term Goal)

Introduction: Sky Acoustics is committed to investing in research and development (R&D) of sustainable materials and innovative technologies to stay at the forefront of the acoustical panel industry and meet the growing demand for sustainable building solutions. This goal aligns with our mission to provide environmentally friendly products while driving industry innovation.

Objective: Lead the market in sustainable acoustical solutions by developing and implementing new materials and technologies that reduce environmental impact and enhance product performance as an ongoing target.

Expected Impact:

- Drive innovation and sustainability within the acoustical panel industry.
- Enhance Sky Acoustics' reputation as a leader in sustainable building solutions.
- Meet the evolving demands of environmentally conscious customers and comply with stringent regulatory standards.
- Contribute to the global effort to reduce environmental impact and promote sustainable development.

Pillar 4: Innovation in sustainable solutions

We are dedicated to driving innovation and sustainability forward by investing in research and technology. Our focus is on discovering eco-friendly materials and refining our manufacturing practices, ensuring our products meet modern demands while fostering a more sustainable future.

Why It Matters:

Sustainable innovation is about more than just staying competitive, it's about making a lasting difference. By creating eco-friendly, high-performance solutions, we're helping reduce the environmental impact of construction while meeting the growing demand for greener buildings. It also allows us to empower our customers with smarter, more responsible choices, driving positive change in the industry and contributing to a healthier planet.

Type of Sustainable Material

#1 G-series fiberglass core

Eco-Friendly & Highly Adaptable

The **G-Series** core features a sugar-bonded fiberglass construction, combining the same level of customizability as our Yellow core with enhanced Eco-friendly attributes. This core is perfect for projects that prioritize sustainability without compromising on design flexibility.

Why Choose G-Series?

Eco-Friendly: Made with environmentally conscious materials, contributing to **LEED** points.

Design Versatility: Supports intricate shapes and designs.

High Performance: Offers robust acoustic treatment capabilities.

Type of Sustainable Material

#2 Sky Felt Core

Sustainable & Exceptionally Customizable

Our **PET** core stands out for its exceptional sustainability, crafted from recycled materials. This core can be grooved, bent, and shaped to fit virtually any project requirement, making it an excellent choice for innovative and **Eco-conscious** designs.

Why Choose PET?

Sustainability: Produced from recycled materials, contributing to **LEED points**.

Extensive Customization: Easily shaped to meet complex design specifications.

Eco-Friendly: Enhances the environmental profile of your project.

