

Environmental Responsibility



SpaceCo Business Solutions, Inc.
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Our Six Root Environmental Process

Environmental responsibility is paramount at SpaceCo Business Solutions, Inc. Every level of our business is committed to the protection of our environment and your business.



Our Delivery

The Packaging - Cardboard and Pulp

Our packaging is designed to eliminate any potential waste. All packaging contains 100% recycled content and is 100% recyclable. The packaging is designed for the exact size and shape of the product so no area is wasted.



Our Sales and Marketing

The Tools - Literatureless and Binderless

We take our commitment seriously by not overwhelming our vendor's libraries with a plethora of printed literature and marketing paper material. All of our marketing information is on-line to reduce paper waste.



Our Factory

The Process - Lean and Green Manufacturing

Our manufacturing equipment is designed for its intended use to ensure little to no waste is created.



Our Design Details

The Sustainable Solution - Sustainable Design Options

Our solutions are designed and engineered with sustainability as an integral feature. They are intuitively designed to grow with your ever-changing business needs.



Our Shipments

The Transportation - Your Destination

Most of our products are manufactured, assembled or finished in Denver, Colorado. Our factory is within 500 miles of 10 major cities. This helps gain LEED credits for project installations 5.1.



Our Solutions

The Products - Materials

The aluminum, steels, nylons, resins, colors are all 100% recyclable. Most of our products have 100% recycled content integrated into the product.

LEED Credit Summary

Our products are not Green Guard Certified, we can help our organization earn LEED credits for Commercial Interiors and Ergonomics.

Credit	LEED Category	SpaceArm	Space Beam	Pelican Drawer	Optima Keyboard	Optima CPU Holder	ILS	Wave Light
1.1	Optimize Energy Performance							X
3.2	Resource Reuse						X	
4.1	Recycled Content	X	X	X	X	X	X	X
4.2	Recycled Content	X	X	X	X	X	X	X
5.1	Regional Materials	X	X	X	X			
5.2	Regional Materials					X	X	X
6.0	Rapidly Renewable Materials				X			
6.1	Controllability of Systems Lighting							X



LEED Credit Summary for SpaceCo Business Solutions, Inc.

LEED for Commercial Interiors

Credit 1.1

Optimize Energy Performance, Lighting Power = 1 - 5 points.

SpaceCo qualifying products: **Wave Light**

Intent: To achieve increasing levels of energy conservation beyond the referenced standard to reduce environmental and economic impacts associated with excessive energy use.

Requirements: Reduce connected lighting power density below that allowed by ANSI/ASHRAE/IESNA Standard 90.1- 2007 (with errata but without addenda1) using either the space-by-space method or by applying the hole building lighting power allowance to the entire tenant space. The points earned for reducing lighting power density below the standard are as follows:

Lighting Power Density Reduction below the Standard Points

- 15% 1
- 20% 2
- 25% 3
- 30% 4
- 35% 5

Project teams in California may use Title 24-2005, Part 6 in place of ANSI/ASHRAE/IESNA Standard 90.1-2007.

Potential Technologies and Strategies: Design the connected lighting power to maximize energy performance. If the project warrants, consider a computer simulation model to assess the performance and identify the most cost-effective energy efficiency measures.

LEED Credit Summary for SpaceCo Business Solutions, Inc.

LEED for Commercial Interiors

Credit 3.2

Resource Reuse, 30% Furniture and Furnishings = 1 point.

SpaceCo qualifying products: **Integrated Levitation System (ILS)**

Intent: To reuse building materials and products to reduce demand for virgin materials and reduce waste, thereby reducing impacts associated with the extraction and processing of virgin resources.

Requirements: Use salvaged, refurbished or used furniture and furnishings for 30% of the total furniture and furnishings budget.

Potential Technologies and Strategies: Identify opportunities to incorporate salvaged and reuse furniture into project design and research potential material suppliers. Consider salvaging and reusing systems furniture and furnishings such as case pieces, seating, filing systems, decorative lighting and accessories.

LEED Credit Summary for SpaceCo Business Solutions, Inc.

LEED for Commercial Interiors

Credit 4.1 and 4.2

Credit 4.1 = Recycled Content, 10% (post-consumer + 1/2 per-consumer) = 1 point.

Credit 4.2 = Recycled Content, 20% (post-consumer + 1/2 per-consumer) = 1 point.

SpaceCo qualifying products:

- **SpaceArm**
- **SpaceChannel**
- **SpaceBeam**
- **Pelican Drawers**
- **Optima Keyboards**
- **Optima CPU Holders**
- **Space Trays**
- **ILS**

Intent: To increase demand for building products that incorporate recycled content materials, thereby reducing impacts resulting from extraction and processing of virgin materials.

Requirements: Use materials, including furniture and furnishings, with recycled content¹ such that the sum of post-consumer recycled content plus 1/2 of the pre-consumer content constitutes at least 10% or 20% based on cost of the total value of the materials in the project. The minimum percentage materials recycled for each point threshold is as follows:

Recycled Content Points

- 10% 1
- 20% 2

The recycled content value of a material or furnishing is determined by weight. The recycled fraction of the assembly is then multiplied by the cost of assembly to determine the recycled content value. Mechanical, electrical and plumbing components cannot be included in this calculation.

Potential Technologies and Strategies: Establish a project goal for recycled content materials, and identify material suppliers that can achieve this goal. During construction, ensure that the specified recycled content materials are installed. Consider a range of environmental, economic and performance attributes when selecting products and materials.

LEED Credit Summary for SpaceCo Business Solutions, Inc.

LEED for Commercial Interiors

Credit 5.1 and 5.2

Credit 5.1 = Regional Materials, 20% Manufactured Regionally = 1 point.

Credit 5.2 = Regional Materials, 10% Extracted and Manufactured Regionally = 1 - 2 points.

SpaceCo qualifying products:

- **SpaceArm**
- **SpaceChannel**
- **SpaceBeam**
- **Pelican Drawers**
- **Optima Keyboards**
- **Optima CPU Holders**
- **Space Trays**
- **ILS**

Intent: To increase demand for building materials and products that are extracted and manufactured within the region, thereby supporting the regional economy and reducing the environmental impacts resulting from transportation.

Requirements: OPTION 1 (1 point)

Use a minimum of 20% of the combined value of construction and Division 12 (Furniture) materials and products that are manufactured¹ regionally within a radius of 500 miles.

OPTION 2 (2 points)

Meet the requirements for Option 1. Use a minimum of 10% of the combined value of construction and Division 12 (furniture) materials and products extracted, harvested or recovered, as well as manufactured, within 500 miles of the project.

Potential Technologies and Strategies: Establish a project goal for locally sourced materials and identify materials and material suppliers that can achieve this goal. During construction, ensure that the specified local materials are installed and quantify the total percentage of local materials installed. Consider a range of environmental, economic and performance attributes when selecting products and materials.

LEED Credit Summary for SpaceCo Business Solutions, Inc.

LEED for Commercial Interiors

Credit 6.0

Rapidly Renewable Materials = 1 point.

SpaceCo qualifying products: **Optima Bamboo Platforms**

Intent: To reduce the use and depletion of finite raw materials and long-cycle renewable materials by replacing them with rapidly renewable materials.

Requirements: Use rapidly renewable construction and Division 12 (Furniture and Furnishings) materials and products for 5% of the total value of all materials and products used in the project, based on cost. Rapidly renewable building materials and products are made from plants that are typically harvested within a 10-year or shorter cycle.

Potential Technologies and Strategies: Establish a project goal for rapidly renewable materials and identify materials and suppliers that can achieve this goal. Consider materials such as bamboo flooring, wool carpets, straw board, cotton batt insulation, linoleum flooring, poplar OSB, sunflower seed board and wheatgrass.

LEED Credit Summary for SpaceCo Business Solutions, Inc.

LEED for Commercial Interiors

Credit 6.1

Controllability of Systems, Lighting = 1 point.

SpaceCo qualifying products: **Wave Light**

Intent: To provide a high level of lighting system control for individual occupants or groups in multi-occupant spaces (e.g., classrooms and conference areas) and promote their productivity, comfort and well-being.

Requirements: Provide individual lighting controls for: 90% (minimum) of the tenant space occupants to enable adjustments to suit individual task needs and preferences. Provide lighting system controls for all shared multi-occupant spaces to enable adjustments that meet group needs and preferences.

Potential Technologies and Strategies: Design the tenant space with occupant controls for lighting. Strategies to consider include lighting controls and task lighting. Integrate lighting systems controllability into the overall lighting design.