HAWORTH Sustainability Brief

Sustainable Building Contributions



Buildings can have significant sustainability impacts during construction, occupancy, renovation, and demolition. Sustainable building standards and certifications help mitigate these impacts by providing a framework for design, construction, operation, maintenance, and even furnishings. Within the realm of commercial interiors, several widely recognized standards play a pivotal role in steering the industry towards environmentally responsible practices.

We have the Expertise and Products to Support Our Clients Certifications

Many Haworth clients are pursuing sustainable practices and embarking on their own journey towards net-zero and other climate target goals. Haworth aims to enable our clients goals through our team of sustainability professionals, LEED and WELL Accredited Professionals, and by offering tailored insights and solutions. Haworth products can help customers earn credits under various building certification systems.

Our Achievements

LEED Buildings

Our Beijing showroom was the first certified project in the world under LEED version 4 and our global corporate headquarters is LEED-NC Gold certified.

WELL Buildings

Our Shanghai, China showroom was the first Commercial Interior facility in Asia to receive WELL Certification.

Sustainable products

95% of our products are certified as low-emitting furniture.

ISO 14001 and Zero Waste

to Landfill achieved in all our manufacturing locations and facilities.



LEED®

LEED (Leadership in Energy and Environmental Design) is the world's most widely used green building rating system. LEED certification provides a framework for healthy, highly efficient, and cost-saving green buildings, which offer environmental, social and governance benefits. Haworth's products support LEED credits through our circular design principles, third party verified certifications and integrated ergonomic design.

Haworth products can support:

Prerequisite: Storage and Collection of Recyclables

Haworth's X Series Recycling Centers can serve as dedicated containers accessible to waste haulers and building occupants for the separation, collection, and storage of recyclable materials.

Credit: Construction and Demolition Waste Management

Haworth can provide weight estimates as well as recyclability of packaging used for furniture shipment. We continuously assess our packaging methodology to minimize the amount of waste generated while maintaining adequate protection for our products and prioritizing the use of reusable or recyclable materials.

Credit: <u>Building Product Disclosure and Optimization -</u> Environmental Product Declarations

Haworth has product-specific Type III EPDs for select products.

Credit: Building Product Disclosure and Optimization - Sourcing of Raw Materials

Many Haworth products include high recycled content and many of our wood-based products are available with FSC™, PEFC or other equivalent certifications.

Credit: Building Product Disclosure and Optimization - Material Ingredients | Option 1. Material Ingredient Reporting

Haworth offers Product Ingredient Disclosures (Manufacturer Inventory) upon request or Declare product labels, for many major product lines.

Credit: Low Emitting Materials

Most Haworth furniture is tested in accordance with ANSI/BIFMA Standard Method M7.1–2011(R2016) and complies with ANSI/BIFMA e3-2019 Furniture Sustainability Standard sections 7.6.1, 7.6.2 (and in most cases 7.6.3) as demonstrated by UL Greenguard, Greenguard Gold and SCS Indoor Advantage Gold certificates.

Credit: Quality Views

Haworth's expansive line up of office furniture enables designers to create layouts that maximize occupants' access to quality views.

Credit: Interior Lighting | Option 1. Lighting Control | Option 2. Lighting Quality

Several of Haworth's lighting solutions feature occupancy sensors, occupant control, and dimming capabilities to support this credit. Select surface finishes also support this credit based on reflectance value.

Credit: Innovation: Design for Flexibility

Haworth offers a number of products designed for flexibility and versatility. Our partitions/screens, moveable walls, office pods, and workspace solutions can contribute towards this credit.

Pilot Credit: Inclusive Design

Haworth products can be used to achieve several of the possible strategies required to attain this credit. These include: adjustable occupant and sensor controlled task lighting; height-adjustable tables, benching and desks; outdoor furniture that can be used to create resting areas with seating at various heights including seating with back rests and without arm rests; and space solutions that encourage frequent, casual social interaction to reduce probability of social isolation.

Credit: Interiors Life Cycle Impact Reduction

Haworth considers life-cycle impacts of the products by evaluating materials from extraction through manufacturing, use, and end-of-life disposal or recycling.



WELL

The WELL Building Standard is a comprehensive framework focusing on human health along with the environment. In terms of materials and furniture, the WELL standard has rigorous criteria for workplace solutions. Multiple Haworth products meet the compliance thresholds for many features focusing on VOC emission limits, ergonomics, human comfort, circularity and material efficiency.

Haworth products can support:

Feature: L04: Electric Glare Control

Haworth products designed using veneer and laminate with low light reflectance value can be specified to reduce glare.

Feature: X05: Enhanced Material Restrictions (Part 1 - Option1)

Haworth sources raw materials responsibly. Our products comply with the Haworth Banned Chemicals List and other sustainability standards to safeguard the ecosystem by opting for non-hazardous materials. We offer Product Ingredient Disclosures (Manufacturer Inventory) or Declare product labels for many major product lines.

Feature: X06: VOC Restrictions

Most Haworth furniture is tested in accordance with ANSI/BIFMA Standard Methods and complies with ANSI/BIFMA e3-2019 Furniture Sustainability Standard sections 7.6.1, 7.6.2 (and in most cases 7.6.3) as demonstrated by UL Greenguard, Greenguard Gold and SCS Indoor Advantage Gold certificates.

Feature: X07: Materials Transparency

Haworth offers Product Ingredient Disclosures (Manufacturer Inventory) or Declare product labels for many major product lines.

Feature: X08: Materials Optimization

Haworth products comply with the Haworth Banned Chemicals List and other sustainability standards to safeguard the ecosystem by opting for non-hazardous materials.

Feature: V02: Ergonomic Workstations Design

Haworth offers a wide range of products designed ergonomically and for human comfort providing flexibility in a workspace environment.

Feature: V07: Active Furnishings

Haworth products such as height-adjustable desks and outdoor furniture can be used to create resting areas and spaces that encourage frequent movement.

Feature: V11 B: Ergonomics Programming

Haworth's products solutions prioritize ergonomic principles, contributing to the physical well-being and comfort of occupants. We have an indurstry leading ergonomist on our team to optimize the product utility to the fullest.

...fitwel[®]

Fitwel®

Fitwel is a building certification system that focuses on promoting health and wellbeing in a workspace. While Fitwel may not have many specific furniture credits, the general principles of the standard align with Haworth's commitment of creating healthier workplace environment. Haworth products comply with the standard's aspects of ergonomic design, material health and overall occupant well-being specifically in the below mentioned credit thresholds.

Haworth products can support:

Indoor Environment: 6.4: IAQ Testing

Most Haworth furniture is tested in accordance with ANSI/BIFMA Standard Methods and complies with ANSI/BIFMA e3-2019 Furniture Sustainability Standard as demonstrated by UL Greenguard, Greenguard Gold and SCS Indoor Advantage Gold certificates. Hence, they meet the thresholds for VOC and formaldehyde testing.

Workspaces: 7.2: Views of Nature

Haworth's expansive line up of office furniture enables designers to create layouts that maximize occupants' access to quality views.

Workspaces: 7.5: Active Workstations

Haworth products such as height-adjustable desks and outdoor furniture can be used to create resting areas and spaces that encourage frequent movement.



Living Building Challenge

The Living Building Challenge (LBC) standard emphasizes regenerative design concepts and is one of the most stringent sustainability certifications. Compliance with the LBC projects are judged against seven sets of criteria known as "petals", representing a holistic view of sustainability. Haworth products comply with the key considerations of the LBC standard mainly Red List compliance, responsible sourcing, embodied carbon, material transparency, along with circular economy practices.

Haworth products can support:

Health and Happiness Petal: <u>Imperative 10: Healthy Interior</u> Performance

Haworth products are designed and tested in accordance with ANSI/BIFMA Standard Methods and complies with ANSI/BIFMA e3-2019 Furniture Sustainability Standard as demonstrated by UL Greenguard, Greenguard Gold and SCS Indoor Advantage Gold certificates.

Materials Petal: Imperative 12: Responsible Materials

Haworth sources raw materials responsibly for all products. We continuously assess our methodology to minimize the amount waste generated and prioritize the use of reusable or recyclable materials.

Materials Petal: Imperative 13: Red List

Haworth products strictly follow the Haworth Restricted Substances List and other sustainability standards to safeguard the ecosystem by opting for non-hazardous materials for the products.

Materials Petal: Imperative 14: Responsible Sourcing

Many Haworth products include high recycled content and many of our wood-based products are available with FSC, PEFC or other equivalent certifications.

Materials Petal: Imperative 16: Net positive Waste

Haworth sources raw materials responsibly for all of our products. We continuously assess our methodology to minimize the amount waste generated and prioritize the use of reusable or recyclable materials.



BREEAM

BREEAM is a widely recognized sustainability assessment standard that considers various aspects like responsible sourcing, life cycle assessment, low-impact materials, indoor air quality, recyclability and end of life considerations of a material or product

Haworth products can support:

Health and Wellbeing: HEA 02: Indoor Air Quality

Most Haworth furniture is tested in accordance with ANSI/BIFMA Standard Methods and complies with ANSI/BIFMA e3-2019 Furniture Sustainability Standard as demonstrated by UL Greenguard, Greenguard Gold and SCS Indoor Advantage Gold certificates. The products meet the thresholds for VOC and formaldehyde testing.

Materials: MAT 01: Environmental Impact of Materials

Haworth considers life-cycle impacts of the products by evaluating materials from extraction through manufacturing, use, and end-of-life disposal or recycling.

Materials: MAT 03: Responsible Sourcing of Materials

Haworth sources raw materials responsibly for all of our products. We continuously assess our methodology to minimize the amount waste generated and prioritizing the use of reusable or recyclable materials. Many Haworth products include high recycled content and are available with FSC or PEFC certified wood as a standard product offering.

Materials: MAT 06: Material Efficiency

Haworth responsibly sources raw materials for all of our products and designs products which can be efficiently utilized by the endusers.

Waste: WST 01: Project Waste Management

Haworth can provide weight estimates as well as recyclability of packaging used for furniture shipment. We continuously assess our packaging methodology to minimize the amount waste generated while maintaining adequate protection for our products and prioritizing the use of reusable or recyclable materials.

Waste: WST 06: Functional Adaptability

Haworth products can be used to achieve several of the possible strategies required to attain this credit. These include: adjustable occupant and sensor controlled task lighting, height-adjustable tables, benching, and desks, outdoor furniture, and spaces that encourage frequent, casual social interaction.



DGNB

DGNB certification consistently considers the entire life cycle of a project and evaluates the overall performance of a project instead of individual measures. As a planning and optimization tool, it helps all those involved in construction to implement holistic sustainability quality.

Haworth products can support:

Ecological Quality ENV1.1:

Environmental impacts over the life cycle

Haworth considers life-cycle impacts of our products by evaluating materials from extraction through manufacturing, use, and end-of-life disposal or recycling.

Ecological Quality ENV1.2: Risks to the local environment

Haworth responsibly sources materials used in the production of our products and strives for the efficient material.

Ecological Quality ENV1.3: Responsible source extraction

Haworth sources raw materials responsibly. Our products comply with the Haworth Banned Chemicals List and other sustainability standards to safeguard the ecosystem by opting for non-hazardous materials for the products. We offer Product Ingredient Disclosures (Manufacturer Inventory) or Declare product labels for many major product lines.

Economic Quality ECO2.1: Flexibility and convertibility

Haworth offers a number of products designed for flexibility and versatility. Our casework, partitions, walls, and workspace solutions can serve as strategies that contribute towards this credit.

Sociocultural and Functional Quality SOC1.2: Indoor air quality

Most Haworth furniture is tested in accordance with ANSI/BIFMA Standard Methods and complies with ANSI/BIFMA e3-2019 Furniture Sustainability Standard as demonstrated by UL Greenguard, Greenguard Gold and SCS Indoor Advantage Gold certificates. Hence, they meet the thresholds for VOC and formaldehyde testing.

Sociocultural and Functional Quality SOC1.6: Quality of stay

Haworth products such as height-adjustable desks and outdoor furniture can be used to create resting areas and spaces that encourage frequent movement and social interaction.

Technical Quality TEC1.6: Ease of dismantling and recycling

Haworth makes high quality, durable furniture and interior demountable partitions that are able to be repaired, refurbished or disassembled and recycled, which supports circular economy reuse and material recovery.



Practice Greenhealth

The Green Health Approved program has aligned with the BIFMA LEVEL certification process, requiring credit 7.4.4, Targeted Chemical Elimination.

Our products meet the Practice Greenhealth standards through our BIFMA LEVEL Certifications. Completion of credit 7.4.4 can be accessed through our publicly published BIFMA LEVEL Scorecards, available through our <u>Ecomedes site.</u>

Ecomedes Site for Product Performance Documentation

To access Haworth product sustainability documentation, including performance data and certifications, please visit our Ecomedes site.

Green building documentation can easily be created through our Ecomedes site. Head to the <u>Ecomedes How-To</u> page to make a project, and evaluate for your building certification pathway.

Linking Our Activities to the SDGs

Haworth is committed to making substantial contributions and creating positive impacts aligned with the Sustainable Development Goals (SDGs) of the United Nations, as we recognize the critical role that we play in promoting a sustainable and inclusive future. Haworth's contributions to sustainable buildings align with the following goals:



Good Health and Well-Being

Haworth contributes to the creation of healthy and supportive work environments through ergonomic design and furniture solutions.



Industry, Innovation, and Infrastructure

Haworth's dedication to sustainability extends to creative design and manufacturing techniques, which contribute to the development of sustainable industry practices and infrastructure.



Sustainable Cities and Communities

Through sustainable, safe, and healthy workspace solutions, we are contributing to the creation and use of sustainable buildings.



Responsible Consumption and Production

As part of our commitment to design with people in mind and make best use of the Earth's resources, we are focused on design for sustainability—to minimize the environmental impacts of our business and promote responsible consumption.



Climate Action

Haworth is committed to reducing its environmental impacts. This includes energy-efficient manufacturing procedures, environmentally friendly materials, and deliberate attempts to reduce its products' carbon footprint.



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