



Haworth Headquarters, Holland, MI, USA

## Green Buildings of Haworth

Haworth is driven to create great places to work, and believes that our ability to provide our customers with unique solutions that match their needs – backed by research, knowledge, global perspectives, and products – is unique in the industry. We call our approach the Organic Workspace™. This is a truly flexible workspace that can respond continuously to the changing business needs of our clients. It improves effectiveness, helps achieve sustainability goals, increases life cycle value, and virtually eliminates waste.

Moveable walls, access floors, modular furniture systems, and an integrated utility platform blend seamlessly into integrated workspace interiors. Using Design for the Environment (DfE) strategies, common planning logic, flexible connections, and an integrated aesthetic and design sensibility, Haworth products are truly great on their own but even better together.

Haworth is committed to integrating the Organic Workspace into our spaces by building to USGBC®, LEED® or local green building standards worldwide for our own facilities. Our green buildings provide us with living laboratories for ideas and products and the opportunity to collaborate with our customers.

# Green Building

## Our Showrooms

Our green buildings provide us with living laboratories for ideas and products and the opportunity to collaborate with our customers.

### LEED®- CI Gold Certified



Chicago, IL



Dallas, TX



Headquarters, Holland, MI



Los Angeles, CA



New York, NY



Pune, India



San Francisco, CA



Shanghai, China

### LEED®- CI Silver Certified



Washington, D.C.



Toronto, Canada

### LEED®- CI Gold Registered



Zürich, Switzerland

### CAGBC LEED®- CI Standards



Calgary, Canada

## Benchmarking

### LEED SCORING BY CATEGORY AND LOCATION

Category	Chicago	Dallas	Holland	LA	New York	Pune	San Fran	Shanghai	Wash D.C.	Toronto	Zürich	AVG
Sustainable Sites	3	3	9	5	3	6	6	2	5	4	14	5.5
Water Efficiency	0	2	4	2	2	2	1	1	2	0	6	2
Energy and Atmosphere	10	10	8	11	6	9	6	6	9	4	28	9.7
Materials and Resources	8	3	7	5	6	5	4	8	5	6	4	5.5
Indoor Environment Quality	10	11	13	12	14	8	15	12	9	11	7	11
Innovation Design Process	5	4	5	5	5	4	5	5	5	4	5	4.7
<b>Project Totals (32 = Gold)</b>	<b>36</b>	<b>33</b>	<b>46</b>	<b>40</b>	<b>36</b>	<b>34</b>	<b>37</b>	<b>34</b>	<b>35</b>	<b>29</b>	<b>64</b>	<b>38.4</b>

# Green Building



## Chicago, IL

LEED® – CI Gold Certified Showroom

2004 was a benchmark year for Haworth. Starting with the Chicago showroom, Haworth committed to build LEED® certified facilities. This was the year when the showroom was stripped down to its shell and rebuilt using Haworth’s full range of products from access floors to moveable walls to systems, casegoods, and seating. This showroom was the first LEED-CI Gold certified showroom in the Merchandise Mart and was honored with the IIDA Neocon Best Large showroom.

In 2005 we capitalized on the award winning space. Our commitment to sustainability continued as Zody became the first chair in the industry to receive a Gold Cradle to Cradle Certification from MBDC. Haworth’s Chicago showroom was awarded Project of the Year in the IIDA Annual Interior Design Competition.

2006 was characterized by design and innovation through Haworth products that continued to illustrate integrated and adaptable environments. Sustainability remained an important message while we continued to create great spaces that can adapt to change. We also won our second Best of NeoCon large showroom award using the same adaptable workspace platform. It was the first showroom to win the award twice using the same platform.

In 2007 we continued our holistic approach to adaptable workspaces. Centered on people and ideas, we incorporated the notion that user satisfaction is directly related to user control within an environment.

2008 was a pivotal year for us. For the third time in four years, we were honored with the IIDA’s Best of Neocon target showroom award using the same adaptable platform.

### Points | LEED Category

#### Sustainable Sites

- 1.0 Development Density and Community Connectivity
- 1.0 Alternative Transportation, Public Transportation Access
- 1.0 Alternative Transportation, Parking Availability

#### Energy & Atmosphere

- 3.0 Optimize Energy Performance – Lighting Power
- 2.0 Optimize Energy Performance – Lighting Controls
- 2.0 Optimize Energy Performance – Appliances and Equipment
- 1.0 Additional Commissioning
- 1.0 Measurement & Verification, Sub-metering
- 1.0 Green Power

#### Materials & Resources

- 1.0 Tenant Space, Long Term Commitment Building Reuse, Long-Term Lease
- 1.0 Construction Waste Management, Divert 40% from Landfill
- 1.0 Recycled Content, Specify 5% (post-consumer + ½ post-industrial)
- 1.0 Recycled Content, Specify 10% (post-consumer + ½ post-industrial)
- 1.0 Regional Materials, 20% Manufactured Regionally
- 1.0 Regional Materials, 10% Extracted and Manufactured Regionally
- 1.0 Rapidly Renewable Materials
- 1.0 Certified Wood

#### Indoor Environmental Quality

- 1.0 Carbon Dioxide Monitoring
- 1.0 Ventilation Effectiveness
- 1.0 Construction IAQ Management Plan, During Construction
- 1.0 Low-Emitting Materials, Paints, and Coatings
- 1.0 Low-Emitting Materials, Carpet
- 1.0 Indoor Chemical & Pollutant Source Control
- 1.0 Controllability of Systems, Temperature, and Ventilation
- 1.0 Thermal Comfort, Comply with ASHRAE 55-1992
- 1.0 Thermal Comfort, Monitoring
- 1.0 Daylight & Views, Views for 90% of Seated Spaces

#### 5.0 Innovation & Design Process

**36.0 Total Points\***

\*Based on a 57 point scale

# Green Building



## Dallas, TX

LEED®-CI Gold Certified Showroom

The Haworth Dallas showroom is located in a historic building anchoring revitalized business districts. We believe sustainability encompasses community engagement as much as the sustainable materials we use in our showrooms. The Dallas showroom demonstrates how we can modernize space within historic buildings while respecting their integrity.

The Dallas showroom is situated in Republic Center, the tallest building west of the Mississippi when it opened in 1954. Here, Haworth leveraged access to public transit improved water efficiencies, abundant natural light, and the purchase of renewable energy credits to help earn LEED-CI Gold certification.

In 2004, starting with our Chicago showroom, we committed to developing Haworth facilities - now and in the future - in accordance with the Leadership in Energy and Environmental Design (LEED)® Green Building Rating System®. We've since certified or registered eleven projects and built two facilities to LEED Standards.

### Points | LEED Category

#### Sustainable Sites

- 1.0 Development Density and Community Connectivity
- 1.0 Alternative Transportation, Public Transportation Access
- 1.0 Alternative Transportation, Bicycle Storage & Changing Rooms

#### Water Efficiency

- 1.0 Water Use Reduction, 20% Reduction
- 1.0 Water Use Reduction, 30% Reduction

#### Energy & Atmosphere

- 3.0 Optimize Energy Performance – Lighting Power
- 1.0 Optimize Energy Performance – Lighting Controls
- 1.0 Optimize Energy Performance – HVAC
- 2.0 Optimize Energy Performance – Appliances and Equipment
- 1.0 Enhanced Commissioning
- 1.0 Energy Use, Measurement and Payment Accountability
- 1.0 Green Power

#### Materials & Resources

- 1.0 Tenant Space, Long Term Commitment
- 1.0 Construction Waste Management, Divert 50% from Landfill
- 1.0 Recycled Content, Specify 10% (post-consumer + ½ post-industrial)

#### Indoor Environmental Quality

- 1.0 Outside Air Delivery Monitoring
- 1.0 Increased Ventilation
- 1.0 Construction IAQ Management Plan, Before Occupancy
- 1.0 Low-Emitting Materials, Adhesives & Sealants
- 1.0 Low-Emitting Materials, Paints and Coatings
- 1.0 Low-Emitting Materials, Carpet Systems
- 1.0 Low-Emitting Materials, Systems Furniture and Seating
- 1.0 Controllability of Systems, Lighting, 90%
- 1.0 Controllability of Systems, Temperature and Ventilation, 50%
- 1.0 Thermal Comfort, Comply with ASHRAE 55-2004
- 1.0 Daylight & Views, Views for 90% of Seated Spaces

#### 4.0 Innovation & Design Process

**33.0 Total Points\***

\*Based on a 57 point scale

# Green Building



## Headquarters, Holland, MI

LEED® – NC Gold Certified Showroom

Haworth renovated its corporate headquarters, a 300,000 square foot project, to meet requirements of USGBC LEED-NC (New Construction) Gold.

The interior spaces function as a living laboratory of organic workspace solutions featuring Haworth products including access flooring, moveable walls, and modular and freestanding furniture. Take a tour at <http://organicworkpaces.com> of our headquarters to learn more.

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### Points | LEED Category

#### Sustainable Sites

- 1.0 Site Selection
- 1.0 Alternative Transportation, Bicycle Storage & Changing Rooms
- 1.0 Alternative Transportation, Alternative Fuel Vehicles
- 1.0 Alternative Transportation, Parking Capacity & Carpooling
- 1.0 Reduce Site Disturbance
- 1.0 Stormwater Management, Rate and Quantity
- 1.0 Stormwater Management, Treatment
- 1.0 Landscape and Exterior Design to Reduce Heat Islands, Roof
- 1.0 Light Pollution Reduction

#### Water Efficiency

- 1.0 Water Efficient Landscaping, Reduce by 50%
- 1.0 Water Efficient Landscaping, No Potable Use or Irrigation
- 1.0 Water Use Reduction, 20% Reduction
- 1.0 Water Use Reduction, 30% Reduction

#### Energy & Atmosphere

- 4.0 Optimize Energy Performance
- 1.0 Additional Commissioning
- 1.0 Ozone Depletion
- 1.0 Measurement & Verification
- 1.0 Green Power

#### Materials & Resources

- 1.0 Building Reuse, Maintain 75% of Existing Shell
- 1.0 Construction Waste Management, Divert 50%
- 1.0 Construction Waste Management, Divert 75%
- 1.0 Recycled Content, 5% (post-consumer + ½ post-industrial)
- 1.0 Recycled Content, 10% (post-consumer + ½ post-industrial)
- 1.0 Local/Regional Materials, 20% Manufactured
- 1.0 Local/Regional Materials, of 20% Above, 50% Harvested Locally

#### Indoor Environmental Quality

- 1.0 Carbon Dioxide Monitoring
- 1.0 Ventilation Effectiveness
- 1.0 Construction IAQ Management Plan, During Construction
- 1.0 Construction IAQ Management Plan, Before Occupancy
- 1.0 Low-Emitting Materials, Adhesives & Sealants
- 1.0 Low-Emitting Materials, Paints
- 1.0 Low-Emitting Materials, Composite Wood
- 1.0 Low-Emitting Materials, Carpet
- 1.0 Indoor Chemical & Pollutant Source Control
- 1.0 Controllability of Systems, Lighting
- 1.0 Controllability of Systems, Temperature and Ventilation
- 1.0 Thermal Comfort, Compliance with ASHRAE 55-1992
- 1.0 Thermal Comfort, Permanent Monitoring Systems

#### 5.0 Innovation & Design Process

46.0 Total Points\*

\*Based on a 57 point scale

# Green Building



## Los Angeles, CA

LEED® – CI Gold Certified Showroom

This award winning and LEED CI Gold certified Haworth space is an 18,000 square foot showroom at the Water Garden complex in Santa Monica. It was built as a West Coast showcase for sustainable design with raised access floors, adaptable furniture, daylight harvesting, and furniture made of renewable materials.

The showroom also features regional design preferences with breakout areas, bright and saturated colors, darker woods, woven textures, and tactile experiences. Open plans and private offices, as well as spaces that show how these environments work together, are displayed so that customers can visualize their own beautiful and adaptable space.

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### Points | LEED Category

#### Sustainable Sites

- 2.0 Site Selection
  - 0.5 Shade, High Albedo Materials, Open-Grid Pavement or 50% of Parking or Open-grid Pavement
  - 0.5 High-efficiency Irrigation, Reduced Potable Water Use or Captured Rain or Recycled Site Water
  - 0.5 100% of Parking Underground
  - 0.5 No Potable Water Use for Irrigation
- 1.0 Alternative Transportation, Public Transportation Access
- 1.0 Alternative Transportation, Bicycle Storage & Changing Rooms
- 1.0 Alternative Transportation, Parking Availability

#### Water Efficiency

- 1.0 Water Use Reduction, 20% Reduction
- 1.0 Water Use Reduction, 30% Reduction

#### Energy & Atmosphere

- 2.0 Optimize Energy Performance – Lighting Power
- 2.0 Optimize Energy Performance – Lighting Controls
- 3.0 Optimize Energy Performance – Appliances and Equipment
- 1.0 Additional Commissioning
- 1.0 Measurement & Verification, Sub-Metering
- 1.0 Measurement & Verification, Energy Costs Paid by Tenant
- 1.0 Green Power, 50%

#### Materials & Resources

- 1.0 Construction Waste Management, Divert 50% from Landfill
- 1.0 Construction Waste Management, Divert 75% from Landfill
- 1.0 Recycled Content, Specify 5% (post-consumer + ½ post-industrial)
- 1.0 Recycled Content, Specify 10% (post-consumer + ½ post-industrial)
- 1.0 Rapidly Renewable Materials, 5%

#### Indoor Environmental Quality

- 1.0 Ventilation Effectiveness
- 1.0 Construction IAQ Management Plan, During Construction
- 1.0 Construction IAQ Management Plan, After Construction, Before Occupancy
- 1.0 Low-Emitting Materials, Adhesives & Sealants
- 1.0 Low-Emitting Materials, Paints and Coatings
- 1.0 Low-Emitting Materials, Carpet
- 1.0 Low-Emitting Materials, Composite Wood
- 1.0 Controllability of Systems
- 1.0 Thermal Comfort, Comply with ASHRAE 55-1992
- 1.0 Thermal Comfort, Permanent Monitoring Systems
- 1.0 Daylight & Views, Daylight 75% of Spaces
- 1.0 Daylight & Views, Views for 90% of Seated Spaces

#### 5.0 Innovation & Design Process

**40.0 Total Points\***

\*Based on a 57 point scale

# Green Building



## New York, NY

LEED® – CI Gold-Certified Showroom

The Haworth showroom spans 31,000 square feet on the second floor at 125 Park Avenue, at the intersection of 42nd Street and Park Avenue, directly opposite Grand Central Terminal. The building was designed by York & Sawyer, completed in 1923, and is characterized by a blend of Italian architectural styles, featuring a classic terra cotta brick exterior. The 30 foot ceilings and windows become a feature in the space, along with the daylight that fills the space.

Built in partnership with Perkins + Will and Turner Construction, the New York showroom is one of the few LEED-CI Gold spaces in the city.

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### Points | LEED Category

#### Sustainable Sites

- 1.0 Development Density and Community Connectivity
- 1.0 Alternative Transportation, Public Transportation Access
- 1.0 Alternative Transportation, Parking Availability

#### Water Efficiency

- 1.0 Water Use Reduction, 20% Reduction
- 1.0 Water Use Reduction, 30% Reduction

#### Energy & Atmosphere

- 2.0 Optimize Energy Performance – Lighting Power
- 1.0 Optimize Energy Performance – HVAC
- 2.0 Energy Use, Measurement and Payment Accountability
- 1.0 Green Power

#### Materials & Resources

- 1.0 Tenant Space, Long Term Commitment
- 1.0 Construction Waste Management, Divert 50% from Landfill
- 1.0 Construction Waste Management, Divert 75% from Landfill
- 1.0 Recycled Content, Specify 10% (post-consumer + ½ post-industrial)
- 2.0 Regional Materials

#### Indoor Environmental Quality

- 1.0 Outside Air Delivery Monitoring
- 1.0 Increased Ventilation
- 1.0 Construction IAQ Management Plan, During Construction
- 1.0 Low-Emitting Materials, Adhesives & Sealants
- 1.0 Low-Emitting Materials, Paints and Coatings
- 1.0 Low-Emitting Materials, Carpet
- 1.0 Low Emitting Materials, Systems Furniture & Seating
- 1.0 Indoor Chemical & Pollutant Source Control
- 1.0 Controllability of Systems, Lighting
- 1.0 Controllability of Systems, Temperature and Ventilation
- 1.0 Thermal Comfort, Comply with ASHRAE 55-1992
- 1.0 Thermal Comfort Monitoring
- 1.0 Daylight & Views, Daylight 75% of Spaces
- 1.0 Daylight & Views, Daylight 90% of Spaces

#### 5.0 Innovation & Design Process

**36.0 Total Points\***

\*Based on a 57 point scale

# Green Building



## Pune, India

LEED® – CI Gold Certified Showroom

The 7,880 square foot facility earned high marks in key LEED environmental categories including water efficiency, sustainable sites, and innovation and design. In particular, the building has reduced potable water use by more than 40 percent from a calculated baseline design +/- a major consideration in Pune's seasonably dry climate. The showroom also earned a LEED innovation credit for its waste water collection system, which is reused for irrigation on site.

"Our Pune showroom LEED certification confirms that our commitment to sustainability is universal yet tailored to each specific site", said Franco Bianchi, Haworth President & CEO. "It is important for us to serve our customers effectively in this part of the world, yet we need to do so with as light an environmental footprint as possible. Pune shows we are dedicated to 'walking the talk' in North America and beyond." Haworth is committed to building to LEED standards for its showrooms and/or to the applicable local green building standard worldwide.

Haworth's Pune facility includes a manufacturing plant as well as the showroom. Although not registered for LEED certification, the plant's design and construction reflect green building principles related to energy and efficiency and improved air quality. The building features abundant natural light through the extensive use of skylights.

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### Points | LEED Category

#### Sustainable Sites

- 3.0 Site Selection
  - 0.5 Heat Island Reduction, Non-Roof
  - 0.5 Light Pollutant Reduction
  - 0.5 Water Efficient Irrigation, Reduce by 50%
  - 0.5 Innovative Wastewater Technologies
  - 0.5 Water Use Reduction, 20% Reduction
  - 0.5 Other Quantifiable Environmental Performance
- 1.0 Alternative Transportation, Public Transportation Access
- 1.0 Alternative Transportation, Bicycle Storage & Changing Rooms
- 1.0 Alternative Transportation, Parking Availability

#### Water Efficiency

- 1.0 Water Use Reduction, 20% Reduction
- 1.0 Water Use Reduction, 30% Reduction

#### Energy & Atmosphere

- 3.0 Optimize Energy Performance – Lighting Power
- 1.0 Optimize Energy Performance – Lighting Controls
- 2.0 Optimize Energy Performance – Appliances and Equipment
- 2.0 Measurement & Verification
- 1.0 Green Power

#### Materials & Resources

- 1.0 Tenant Space, Long Term Commitment
- 1.0 Construction Waste Management, Divert 50% from Landfill
- 1.0 Construction Waste Management, Divert 75% from Landfill
- 1.0 Recycled Content, Specify 10% (post-consumer + ½ post-industrial)
- 1.0 Recycled Content, Specify 20% (post-consumer + ½ post-industrial)

#### Indoor Environmental Quality

- 1.0 Construction IAQ Management Plan, During Construction
- 1.0 Construction IAQ Management Plan, Before Occupancy
- 1.0 Low-Emitting Materials, Adhesives and Sealants
- 1.0 Indoor Chemical & Pollutant Source Control
- 1.0 Controllability of Systems, Lighting, 90%
- 1.0 Daylight & Views, Daylight 75% of Spaces
- 1.0 Daylight & Views, Daylight 90% of Spaces
- 1.0 Daylight & Views, Daylight 90% of Seated Spaces

#### 4.0 Innovation & Design Process

**34.0 Total Points\***

\*Based on a 57 point scale

# Green Building



## San Francisco, CA

LEED® – CI Gold Certified Showroom

Haworth was proud to open the doors of the San Francisco showroom in early 2009. The 8,300 square foot space resides on the 19th floor of a 33-story glass curtain office tower.

Designed by Perkins + Will, the dramatic space with floor-to-ceiling windows allows light to permeate the showroom, supporting the idea that access to elements of nature enhances human performance and increases productivity. The entrance is defined by a reclaimed wood lattice ceiling, a beautiful, sustainable architectural detail reflective of Haworth's heritage.

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### Points | LEED Category

#### Sustainable Sites

- 3.0 Site Selection – Select LEED Certified Building
- 1.0 Development Density and Community Connectivity
- 1.0 Alternative Transportation, Public Transportation Access
- 1.0 Alternative Transportation, Parking Availability

#### Water Efficiency

- 1.0 Water Use Reduction, 20% Reduction

#### Energy & Atmosphere

- 3.0 Optimize Energy Performance – Lighting Power
- 2.0 Optimize Energy Performance – Equipment & Appliances
- 1.0 Green Power

#### Materials & Resources

- 1.0 Construction Waste Management, Divert 50% from Landfill
- 1.0 Construction Waste Management, Divert 75% from Landfill
- 2.0 Recycled Content, 20% Total

#### Indoor Environmental Quality

- 1.0 Outside Air Delivery Monitoring
- 1.0 Increased Ventilation
- 1.0 Construction IAQ Management Plan, During Construction
- 1.0 Construction IAQ Management Plan, Before Occupancy
- 1.0 Low-Emitting Materials, Adhesives & Sealants
- 1.0 Low-Emitting Materials, Paints
- 1.0 Low-Emitting Materials, Carpet
- 1.0 Low-Emitting Materials, Compose Wood
- 1.0 Low-Emitting Materials, Systems Furniture & Seating
- 1.0 Indoor Chemical and Pollutant Source Control
- 1.0 Controllability of Systems, Lighting
- 1.0 Thermal Comfort – Compliance
- 1.0 Thermal Comfort – Monitoring
- 1.0 Daylight & Views, Views for 90% of Seated Spaces
- 1.0 Daylight & Views, Daylight for 75% of Spaces

#### 5.0 Indoor Environmental Quality

**37.0 Total Points\***

\*Based on a 57 point scale

# Green Building



## Shanghai, China

LEED® – CI Gold Certified Showroom

The 7,000 square foot Shanghai showroom was officially completed in 2009. Strategically located within the new Financial Center of Pudong, it resides within the tallest building in China. The 16th floor offers spectacular views of downtown Shanghai, the Huangpu River, and the Oriental Pearl TV Tower. The unobstructed view also provides access to generous amounts of natural daylight.

The Shanghai showroom provides an open-office concept. This means there are minimal interior walls in order to enjoy the view from every angle and maximize the potential for natural lighting. All lights within the showroom are sensor lights, which reduce unnecessary use.

Besides incorporating low energy concepts, Shanghai's showroom was designed with high recycled content; much of the product was reused from the previous showroom. The entry way stands as a simple yet stunning gate of original reclaimed Shanghai-style bricks, which fit the character and add their own unique style.

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### Points | LEED Category

#### Sustainable Sites

- 1.0 Development Density and Community Connectivity
- 1.0 Alternative Transportation, Public Transportation Access

#### Water Efficiency

- 1.0 Water Use Reduction, 20% Reduction

#### Energy & Atmosphere

- 1.0 Optimize Energy Performance – Lighting Power
- 1.0 Optimize Energy Performance – Lighting Controls
- 1.0 Optimize Energy Performance – Equipment & Appliances
- 2.0 Energy Use, Measurement & Payment Accountability
- 1.0 Green Power

#### Materials & Resources

- 1.0 Construction Waste Management, Divert 50% from Landfill
- 1.0 Construction Waste Management, Divert 75% from Landfill
- 1.0 Resource Reuse, 30% Furniture & Furnishings
- 2.0 Recycled Content, 20% Total
- 2.0 Local/Regional Materials, 20% Manufactured Regionally
- 1.0 Rapidly Renewable Materials

#### Indoor Environmental Quality

- 1.0 Increased Ventilation
- 1.0 Construction IAQ Management Plan, During Construction
- 1.0 Construction IAQ Management Plan, Before Occupancy
- 1.0 Low-Emitting Materials, Adhesives & Sealants
- 1.0 Low-Emitting Materials, Paints
- 1.0 Low-Emitting Materials, Carpet
- 1.0 Low-Emitting Materials, Composite Wood and Laminate Adhesives
- 1.0 Low-Emitting Materials, Furniture & Furnishings
- 1.0 Controllability of Systems, Lighting
- 1.0 Thermal Comfort, Comply with ASHRAE 55-2004
- 1.0 Thermal Comfort, Monitoring
- 1.0 Daylight & Views, Views for 90% of Seated Spaces

#### 5.0 Innovation & Design Process

**34.0 Total Points\***

\*Based on a 57 point scale

# Green Building



## Washington, D.C.

LEED® – CI Gold Certified Showroom

Haworth's 20,000 square foot Washington, D.C. showroom tailors space, product, and applications to regional design preferences by using traditional materials like wood, glass, and marble in modern architectural design.

Featuring professional services layouts to accommodate Washington D.C.'s legal, government and consultant privacy needs, the Haworth showroom explores relationships between open plan and private offices. It also showcases Haworth's sustainability strategy and capabilities with a LEED CI gold certified application.

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### Points | LEED Category

#### Sustainable Sites

- 1.0 Site Selection
  - 0.5 Heat Island Reduction, Non-Roof
  - 0.5 Underground Parking
- 1.0 Development Density and Community Connectivity
- 1.0 Alternative Transportation, Public Transportation Access
- 1.0 Alternative Transportation, Bicycle Storage & Changing Rooms
- 1.0 Alternative Transportation, Parking Availability

#### Water Efficiency

- 1.0 Water Use Reduction, 20% Reduction
- 1.0 Water Use Reduction, 30% Reduction

#### Energy & Atmosphere

- 2.0 Optimize Energy Performance – Lighting Power
- 1.0 Optimize Energy Performance – Lighting Controls
- 1.0 Optimize Energy Performance – HVAC
- 2.0 Optimize Energy Performance – Appliances and Equipment
- 1.0 Enhanced Commissioning
- 1.0 Energy Use, Measurement and Payment Accountability
- 1.0 Green Power

#### Materials & Resources

- 1.0 Tenant Space, Long Term Commitment
- 1.0 Construction Waste Management, Divert 50% from Landfill
- 1.0 Construction Waste Management, Divert 75% from Landfill
- 1.0 Recycled Content, Specify 10% (post-consumer + ½ post-industrial)
- 1.0 Recycled Content, Specify 20%

#### Indoor Environmental Quality

- 1.0 Outside Air Delivery Monitoring
- 1.0 Increased Ventilation
- 1.0 Construction IAQ Management Plan, During Construction
- 1.0 Low-Emitting Materials, Adhesives & Sealants
- 1.0 Controllability of Systems, Lighting, 90%
- 1.0 Controllability of Systems, Temperature and Ventilation, 50%
- 1.0 Thermal Comfort, Comply with ASHRAE 55-2004
- 1.0 Thermal Comfort, Monitoring
- 1.0 Daylight & Views, Views for 90% of Seated Spaces

#### 5.0 Innovation & Design Process

**35.0 Total Points\***

\*Based on a 57 point scale

# Green Building



## Toronto, Canada

LEED® – CI Silver Certified Showroom

The Haworth showroom spans 13,000 square feet on the first and second floors at 55 University Avenue, at the intersection of Wellington Street. Built in 1977, the building was renovated in 1997, and is located in the financial core of Toronto. The location offers direct access to the subway lines and the underground pedestrian network, as well as major traffic arteries.

The building at 55 University is Go Green Certified by BOMA (Building Owners and Managers Association) of Canada recognizing that environmental best practices have been implemented into the operations. The Go Green program is a comprehensive program with a rigorous certification process.

Built in partnership with Perkins & Will | Eva Maddox Branded Environments, Marshall Cummings/IBI Group and GovanBrown, a local contractor.

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### Points | LEED Category

#### Sustainable Sites

- 1.0 Site Selection
- 1.0 Development Density and Community Connectivity
- 1.0 Alternative Transportation, Public Transportation Access
- 1.0 Alternative Transportation, Bicycle Storage & Changing Rooms

#### Energy & Atmosphere

- 1.0 Optimize Energy Performance – Lighting Controls
- 1.0 Optimize Energy Performance – Appliances and Equipment
- 1.0 Enhance Commissioning
- 1.0 Green Power

#### Materials & Resources

- 1.0 Tenant Space, Long Term Commitment
- 1.0 Construction Waste Management, Divert 50% from Landfill
- 1.0 Recycled Content, Specify 10% (post-consumer + ½ post-industrial)
- 1.0 Recycled Content, 20% (post-consumer + ½ post-industrial)
- 1.0 Regional Materials, 20% Manufactured Regionally
- 1.0 Regional Materials, 10% Extracted & Manufactured Regionally

#### Indoor Environmental Quality

- 1.0 Outside Air Delivery Monitoring
- 1.0 Construction IAQ Management Plan, During Occupancy
- 1.0 Low-Emitting Materials, Adhesives & Sealants
- 1.0 Low-Emitting Materials, Paints and Coatings
- 1.0 Low-Emitting Materials, Composite Wood & Laminate Adhesives
- 1.0 Low-Emitting Materials, Carpet
- 1.0 Low-Emitting Materials, Systems Furniture, and Seating
- 1.0 Controllability of Systems, Lighting
- 1.0 Thermal Comfort, Comply with ASHRAE 55-1992
- 1.0 Thermal Comfort Monitoring
- 1.0 Daylight & Views, Daylight 90% of Seated Spaces

#### 4.0 Innovation & Design Process

**29.0 Total Points\***

\*Based on a 57 point scale

# Green Building



## Zürich, Switzerland

LEED® – CI Gold Registered Showroom

Completed in 2009, the 8,290 square foot project is one of the largest exhibition spaces in Zurich, Switzerland. The Zurich showroom, located within the AirGate building, holds a prime location in the heart of this up-and-coming city area. Street level and proximity to the international airport make Haworth's Zurich showroom easy to find.

Zurich is the first European Haworth showroom designed to meet LEED standards. The air conditioning requires less energy, the carpet is made from recycled fibers, and all lighting is provided by energy-saving bulbs.

Swiss architect Andres Carosio transformed the area from a restaurant into the magnificent Haworth showroom. One of the most notable features of the space is the ceiling, which displays a series of flowing waves, not only for the design aspect, but also as an acoustic solution for controlling noise.

In 2004, starting with our Chicago showroom, we committed to developing Haworth facilities - now and in the future - in accordance with the Leadership in Energy and Environmental Design (LEED)® Green Building Rating System®. We've since certified or registered eleven projects and built two facilities to LEED standards.

### Points | LEED Category

#### Sustainable Sites

- 6.0 Development Density and Community Connectivity
- 6.0 Alternative Transportation, Public Transportation Access
- 2.0 Alternative Transportation, Bicycle Storage & Changing Rooms

#### Water Efficiency

- 6.0 Water Use Reduction, 30% Reduction

#### Energy & Atmosphere

- 5.0 Optimize Energy Performance – Lighting Power
- 1.0 Optimize Energy Performance – Lighting Controls
- 10.0 Optimize Energy Performance – HVAC
- 2.0 Optimize Energy Performance – Equipment & Appliances
- 5.0 Energy Use, Measurement & Payment Accountability
- 5.0 Green Power

#### Materials & Resources

- 1.0 Construction Waste Management, Divert 50% from Landfill
- 1.0 Construction Waste Management, Divert 75% from Landfill
- 1.0 Recycled Content, 20% Total
- 1.0 Regional Materials, 20% Manufactured Regionally

#### Indoor Environmental Quality

- 1.0 Increased Ventilation
- 1.0 Low-Emitting Materials, Adhesives & Sealants
- 1.0 Low-Emitting Materials, Paints
- 1.0 Controllability of Systems, Thermal Comfort
- 1.0 Daylight & Views, Views for 90% of Seated Spaces
- 2.0 Daylight & Views, Daylight for 75% of Spaces

#### 5.0 Innovation & Design Process

**64.0 Total Points\***

\*Based on a 100 point scale



## Calgary, Canada

Built to CAGBC LEED®-CI Standards

The Calgary Showroom is an 8,000 square foot space that features Haworth's broad range of products with special emphasis on Calgary's core competencies in Wood and Architectural Interiors.

The Calgary Learning Center effectively demonstrates that modular design and materials can be beautiful. All elements contained within the core space are based on a modular philosophy, with nothing fixed in place. The integration of modular and adaptable products, technology, and finishes create a beautiful and adaptable workspace.

Opened in 1998, the Calgary facility was designed to embody flexibility and adaptability. Utilizing organic workspace concepts and product, this commitment permitted the reconfiguration and reuse of many components within the building during its renovation. This capability ensures that less than 1% of the renovation materials ended up in the landfill.

Built before the inception of LEED®, the Haworth Calgary facility demonstrates an early commitment to sustainability through the use of low emitting construction adhesives, paint, carpet, and materials. The carpet material contains a large percentage of recycled materials and is 100% recyclable when disposed.