



A High Performance Workplace that Reflects Higher Values

Every year the building trade in the U.S. consumes a quarter of all virgin wood harvested, more than one-third of all energy produced, and two-thirds of all electricity. Traditional construction consumes resources unnecessarily and generates excessive waste. It results in a work environment that is less healthy, less efficient, and less productive, generating huge amounts of landfill, as well as emissions that lead to acid rain, smog, and global climate change.

But there's a better way.

Pathways Architectural Solutions walls, floors and wiring create a more effective workplace featuring a modular infrastructure with designed-in flexibility. It is simpler to build, easier to change, more cost-effective, and more environmentally responsible. The result is a better way to build for the future.

The Whole-Building Approach

Material, acquisition and preparation

Pathways Privacy Wall is made primarily of steel, with a recycled content of 30%. This means less mining and energy used because we are using recycled material.

Manufacturing and fabrication

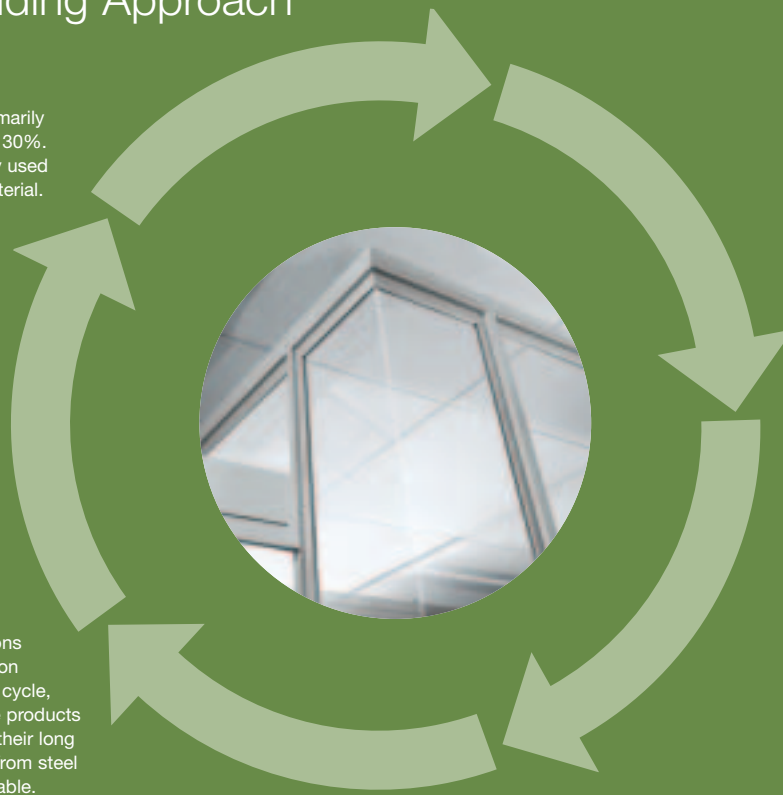
Pathways products are built in ISO 14001 registered facilities. The design and manufacturing of these products include the elimination of PVC from the panel connection strips in Privacy Wall and the use of powder coating instead of paint which eliminate harmful VOCs from the product.

Reuse, recycling and disposal

Moves, changes and reconfigurations with Pathways eliminate construction waste and disposal. During the life cycle, Pathways is 100% reusable. These products are highly recyclable at the end of their long useful life because they are made from steel glass and aluminum and are separable.

Construction, use and maintenance

The innovative design of Pathways dramatically reduces the number of skilled trades required on site and reduces construction waste and time. These architectural products create less waste, disposal and landfill mass than traditional construction. And there is virtually no maintenance required. The product can be moved and re-used rather than being sent to a land fill like conventional construction.



Pathways minimizes impact

Energy

World Watch Institute Report determines the environmental impact of buildings as making up over 40% of total primary energy use.

Waste

Construction and demolition waste comprise about 40% of the total solid waste stream in the U.S., according to the U.S. Green Building Council LEED Reference Guide 2.0.

Greenhouse gas emissions

According to the World Watch Institute Report, 30% of total U.S. greenhouse gas emissions come from the making and maintenance of buildings.

Electricity consumption

Of the total U.S. electricity consumption, 65.2% comes from the buildings.

Construction and demolition

Buildings make up approximately 136 million tons of construction and demolition waste in the U.S.

A Shared Commitment

Pathways Architectural Solutions demonstrate the Steelcase mission of helping people work more effectively. They're a measure of our company's commitment to "conserve resources, prevent pollution, achieve sustainability, exceed compliance obligations, and nurture environmental consciousness".

As we continue to design and manufacture more environmentally responsible products, we also recognize that many customers are looking for ways to lessen the environmental impact of furniture they no longer use.

With the introduction of The Steelcase Environmental Partnership Program, Steelcase and its dealers will help customers — on a case-by-case basis — evaluate, select and connect to an environmentally responsible method of managing their product at the end of its intended use. Leveraging our extensive local dealer network along with a national network of recyclers, resellers and non-profit agencies, we can provide a variety of alternatives to sending unused furniture into landfills.



Take the LEED

LEED (Leadership in Energy & Environmental Design) is a leading-edge rating system for designing, constructing, operating and certifying the world's most sustainable environmentally advanced buildings.

LEED is both method and measurement, supporting the whole-building, collaborative design and construction process. By evaluating and recognizing performance in accepted green design categories, LEED optimizes environmental and economic factors.

Pathways Architectural Solutions may contribute toward LEED certification in three different categories, which include New Construction, Commercial Interiors and Existing Buildings. The reusability, recycled content and the innovation of design all contribute to possible LEED credits. The overall recycled content in Pathways Privacy Wall equals 21.5%. Access Floor, Privacy Wall and Architectural Power all contribute to LEED NC Version 2.1 (the rating system for new construction).

Pathways Architectural Solutions can contribute to the following LEED New Construction certification

Materials & Resources (MR)

Credit 4.1 Recycled content – specify a minimum of 5%
Available with Access Floors, Privacy Wall, Architectural Power

Credit 4.2 Recycled content – specify a minimum of 10%
Available with Access Floors, Privacy Wall, Architectural Power

Credit 5.1 Regional materials – manufactured within a radius of 500 miles
Available with Privacy Wall

Design Excellence

Credit 1.1 – 1.4 Innovation in design
Available with Access Floor, Privacy Wall, Architectural Power

Indoor Environmental Quality (EQ)

Credit 2 – Increased ventilation effectiveness
Available with Access Floors

Credit 3.1 & 3.2 – Construction during/after IAQ plan
Available with Access Floors

Credit 4.1 – Low VOCs paints/adhesives/carpet/wood
Available with Access Floors

Credit 6.2 – Individual controls temperature/lighting
Available with Access Floors

Credit 7.1 & 7.2 Thermal comfort per ASHRAE 55
Available with Access Floors





Conscious by Design

As part of our product design and development process, Steelcase has set into motion a set of formal environmental design objectives — Design for the Environment (DFE) — that consider long life, maximization of recycled content and recyclability, use of sustainable wood sources, elimination of “harmful materials” and indoor air emissions, conservation of resources and energy and product “end-of-life” strategies.

DFE is used in creating environmentally responsible products, such as Privacy Wall.

Pathways Privacy Wall Benefits:

- 30% recycled material content
- Low emitting materials
- NO PVCs or VOCs
- No fiberglass
- No on-site off-gassing
- Significantly less waste than traditional construction
- Reduce installation time as much as 70% — construction moves faster and costs less, involves fewer skilled trades, less time, effort, and energy expended
- 100% reusable
- At the end of its life, the system is 90% recyclable
- Contribute to LEED certification credits

A Better Way to Build for the Future

Most of the movable walls today are made out of steel and glass. Steel is the most recycled material in the United States and it is commonly used in the wall production. Steel is infinitely recyclable without degradation or loss of its inherent material properties. There is plenty of infrastructure that supports the steel, glass and aluminum recycling process.

Unlike steel, the nature of gypsum drywall makes reprocessing feasible, but challenging because there is no nationwide recycling infrastructure in place.

Movable Walls

- 100% reusable
- minor clean up, no disposal
- no gypsum dust
- no mold spores
- recyclable content
- LEED

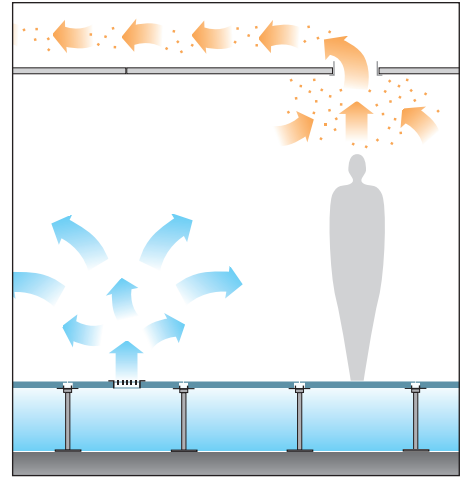
Drywall

- 0% reusable
- major clean up and disposal
- airborne dust and spores are hard to control, and may damage sensitive electronic equipment
- may produce harmful fumes and dust
- partially recyclable
- LEED does not apply

Breathe Easier

Access Floors allow for Under Floor Air Distribution (UFAD), which is a far more efficient way to operate the HVAC system. They use less energy, have better air quality and lower energy costs.

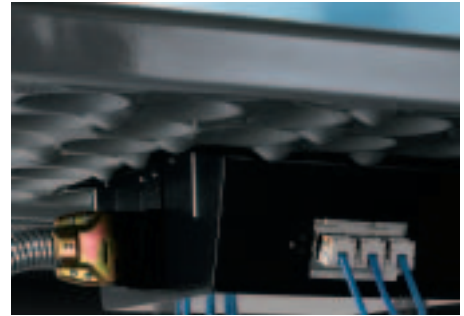
UFAD with an access floor not only lowers energy costs by as much as 30%, but substantially reduces ceiling ductwork, and can reduce overall building height as much as 10%.



100% Modular = 100% Moveable, Changeable, Reusable

100% reusable components.

Pathways Architectural Solutions install up to 75% faster than traditional pipe-and-wire branch circuits and home run cabling. This reduces construction time and cost, involves fewer skilled trades, less time, effort, and energy expended, less waste generated, and less waste disposal costs.



Enlightened Lighting Solutions

Lighting solutions offer improved productivity, lower energy consumption and increased user comfort and control.

Energy savings of over 50% can be achieved from innovative lighting products using advanced control strategies, system scheduling, occupancy sensors and daytime light dimming, which helps shed load, and gives the user control over their personal lighting.



BENDHEIM

Partners in commitment.

Our strategic alliance with Bendheim, the largest provider of specialty glass in North America, provides an expansive glass offering as well as a shared commitment to the environment. All nine types are manufactured in an ISO 14001 approved facility — the Environmental Management System Standard. Bendheim's tempering facility also utilizes a patented drive mechanism that eliminates the use of sulphur dioxide during production.



Call 800.333.9939 or
visit www.steelcase.com

Steelcase®

Do what you do better.™