

Privacy Wall

Overview

Private and team spaces are typically an essential component of a majority of today's effective work environments. Steelcase's Privacy Wall can provide private spaces that are immediately accessible to individuals and groups while offering the flexibility of adapting quickly and inexpensively to changing space.

Privacy Wall is a high performance, moveable wall that is designed to accommodate the user's need for privacy, image and technology. It is the industry leader with respect to performance, image and speed of installation. Privacy Wall is also part of a total integrated solution that integrates with Steelcase furniture and technology infrastructure products.



Key Features and Benefits of Privacy Wall

Feature: Environmentally sensible design

- Made to move and re-install again and again instead of throwing away material (as with conventional walls) when changes are made
- Made with a high percentage of recycled content
- Panel design allows for separation of components for recycling at the end of its useful life
- Minimizes the jobsite waste and dust typically generated from conventional construction materials
- The first and only Cradle to Cradle™ certified wall product

Feature: Unitized assembly

- Components are assembled; painted, upholstered, glazed and electrified, in the factory, minimizing the use of multiple skilled trades on the jobsite
- Installations and moves are quick and significantly reduce lifecycle cost as compared to fixed construction.
- Small kit of parts reduces inventory, is less prone to damage, and expedites reconfigurations



Feature: STC of 43

- Acoustically outperforms traditional floor-to-ceiling drywall applications to help maintain a quiet environment
- Factory installed insulation requires no additional packing during the installation process
- Provides appropriate privacy setting, minimizing distractions due to noise in adjacent spaces

Feature: Integrated solution

- Part of a total portfolio of Steelcase products that all work together
- Privacy Wall power components are part of the same system used in Steelcase systems furniture and the Architectural Modular Power system
- All vertical panel edges for solid and clerestory panels are slotted to accommodate Steelcase hang-on worksurfaces and storage components for consistency with systems furniture
- Finish choices that match and complement both architectural and furniture surfaces

Feature: Wide range of aesthetics

- Complement design objectives with surface options including paint (textured, metallic and flat), anodized, vinyl, fabric, etched and pattern glass and more
- Two glass framing solutions: a painted rectilinear profile and a unique anodized aluminum shape (Glass Selections) for a higher-end aesthetic
- Customization alternatives to address unique architectural specifications
- Optional field glazing with butt joints to minimize vertical joinery and create an open, expansive visual environment.

Feature: Technology accommodation

- Easy access to cable and power terminations at base, ADA and desk height
- Easy wiring and cable routing and terminations with hollow core panel construction
- Integrates with Steelcase Architectural Modular Power system and furniture power solutions
- Light switches can be placed in panels, door frames and Feature Strip connections

Feature: Flexibility in planning, application and installation

- Many styles of wall panels, doors, connectors and options available
- Reduces demolition and construction time compared to drywall
- Changes on the fly without having to slow down and disrupt employees
- Non-handed pivot doors and frames minimize inventory

Privacy Wall Specifications

Privacy Wall, manufactured by Steelcase Inc., is a pre-assembled, moveable wall system designed to be used as an alternative to conventional permanent construction. The components are installed above the finished floor and beneath the suspended ceiling, supporting flexible partitioning of the space without permanent connections to the base building. Grippers anchor the base of the wall to the floor and non-destructive clips attach to the ceiling grid so reconfigurations of the product do not require any patching or repair of the base building. Wall components are fastened together with a unique “feature strip” that provides the mechanical connection as well as a light and sound seal.



The various components include solid panels, solid panels with clerestory glass, factory-glazed glass panels, swing doors and frames and sliding doors. All components are engineered to order to address specific building conditions, architectural constraints and aesthetic requirements. Panels can range in width from 6” to 60”

Wall units are 2 $\frac{3}{8}$ inches thick and have 2 $\frac{1}{2}$ inches of vertical adjustment to accommodate unlevel

floors and ceilings. Building interface components can provide up to 5-inches of adjustability against vertical surfaces, and solid panels can be cut on site to accommodate complex site conditions or last minute changes.

Solid and clerestory panels have an integral slotted channel that shares the same slotting pattern as systems furniture panels to accept wall mounted components. User based items such as shelves, storage bins, worksurfaces, work tool rails and display boards can be attached without defacing the wall surface. The

painted steel face of the wall also accepts magnetic accessories to eliminate the need for mechanical fasteners to support pictures, coat hooks and such.

Swing doors are available with either conventional butt hinges or a non-handed pivot hinge. They are available as full height or transom height units, with either a wood or glass leaf. Sliding door assemblies include a movable leaf and stationary sidelight. All door elements are self-supporting and do not require any additional mechanical connection to the base building.

Compliance

Privacy Wall is compliant with national, state and local building codes

- Evaluated by the International Code Council Evaluation Service to be compliant with the 2003 International Building Code (IBC), as well as 1999 BNBC, 1999 SBC and 1997 UBC. See ICC-ES Report No. ESR-1829
- Solid wall units will support a maximum load of 750-pounds per side in compliance with ANSI/BIFMA X5.6 – 1986
- Solid wall units have a Class-A rating in accordance with ASTM E84-97a “Standard Method for Surface Characteristics of Building Materials”
- Wall system is in compliance with ASTM E 72 “Standard Test Methods of Conducting Strength Tests of Panels for Building Construction”
- Solid wall units are available with a 43 STC in accordance with ASTM E 90-90 “Method for Laboratory Measurements of Airborne Sound Transmission Loss of Building Partitions”
- Privacy Wall modular power system is UL 183 listed



Environmental Impact

Privacy Wall is the first movable wall product in the industry to be awarded Cradle to Cradle® certification.

Privacy Wall is manufactured in our facility located in Toronto, Ontario, that is ISO 14001 registered (the Environmental Management System Standard). These standards take into consideration the elimination of off-gassing in finished product, fuel conservation, recycling operations, volatile organic compounds (VOCs), water conservation and TTO emission in the manufacturing process.



The Privacy Wall product can have a positive impact on projects considering LEED® certification:

- Materials & Resources / MR 2.1 / Construction Waste Management
- Privacy Wall is fabricated to the exact site dimensions so that there is minimal construction waste as compared to conventional construction. All packaging materials are 100% recyclable

- Materials & Resources / MR 4.1 & 4.2 / Recycled Content
 - Post consumer recycled content of 17% and ½ pre-consumer of 13% totals 23.5%
- Materials and Resources / MR 5.1 / Regional Materials
 - Toronto is within 500 miles of installation location
- Materials and Resources / MR 7 / Certified Wood
 - Doors are available that are certified in accordance with the Forest Stewardship Council's Principles and Criteria
- Indoor Environmental Quality / EQ 4.4 / Low Emitting Materials
 - Wood doors with no added urea-formaldehyde can be specified
- Indoor Environmental Quality / EQ 4.5 / Low Emitting Materials
 - Privacy Wall is SCS Indoor Advantage™ Certified.
- Indoor Environmental Quality / EQ 8.1, 8.2 & 8.3 / Daylight and Views
 - Glazed Privacy Wall panels can be applied to achieve daylight penetration into occupied areas as well as provide lines of sight to the outdoor environment
- Innovation and Design / ID 1 / Cradle to Cradle
 - Privacy Wall is a C2C certified product and can contribute to one Innovation in Design credit

In addition to these credits, Privacy Wall can further impact Indoor Environmental Quality in regard to Adhesives, Sealants and Paints. Since the product is completely finished in the manufacturing process, VOCs from on-site applications of these materials is eliminated.