

teknion altos/optos



teknion

Teknion® offers reconfigurable wall systems that integrate seamlessly to define and enclose space, providing both acoustic privacy and visual accessibility. Altos® offers a choice of wall fascias, while Optos® permits an uninterrupted run of glass that allows abundant light to flow into and through a space.

Altos

Altos is an innovative architectural wall system designed with a clean, modern aesthetic. Simple and efficient, Altos facilitates cost-effective reconfiguration or full relocation as required. Its unique universal framework allows changes in elevation, dimension, fascia function and finish to maximize the life of the product.

Optos

Optos is a glass wall system featuring a rectilinear profile and minimal structure that presents a refined, seamless look through a continuous expanse of transparency. Designed to adapt to building structures and floor plans, Optos walls provide full space division through functional integration with Altos and compatible floor/ceiling leveling capabilities.



overview



allos solid fascias/
sidewise casegoods
Flinnwood, Blond Maple

task seating
*Conessa, Tes Mesh Light
Grey, Tes Silver Frame
Projekt, Full Wool, Blanc;
Stone Mesh Frame*

soft seating
*Aegis, Teknon DNA,
Vignette: Full Wool,
Blanc and Peridot*

dossier casegoods
*Vener, Vertical, Custom
Sycamore*



Opos projects an elegant simplicity distinguished by continuous transparency. Opos glass panels are joined using a 2mm acrylic tape to minimize vertical joints and create the appearance of seamless transitions. Mitered corners employ the same method of joinery and transition into long, clean runs of transparent glass.



Oprots supports LEED initiatives by allowing daylight to flow into the building interior and by maintaining access to exterior views. Along with creating territorial privacy, Oprots offers exceptional acoustic privacy enhanced by acoustic seals on trim components and doors.



By permitting large expanses of glass, Optros creates a look of simplicity and lightness. Mitered glass and minimal aluminum elements provide a precision fit at nearly imperceptible joints. Low-profile base and ceiling trim further enhance the refined fit and finish. Single 10mm center-mounted tempered or laminated glass is available in clear, frost or specialty glass.



Opros integrates with building architecture and Altos walls. Overall base and ceiling leveling ranges adjust from -0.5 to $+1.875$ inches. One inch height increments accommodate ceiling heights between 8 and 10 feet. Glass is available in $\frac{1}{8}$ -inch width increments to ensure a precise fit. Opros walls connect to Altos at 90 and 180 degrees with 2-, 3- and 4-way connectors.



Optros interior-mounted Barn Doors save space along corridors and create an elegant glass storefront that discreetly transitions to Altros demising walls. Altros walls absorb and block sound, equaling or exceeding the acoustic performance of standard drywall construction. No insulation is required to achieve normal speech privacy.

ALTROS STC (SOUND TRANSMISSION CLASS)
 • Solid monolithic elevation provides:
 40 STC with no insulation
 48 STC with insulation
 • Acoustic fascias provide:
 32 STC with no insulation
 40 STC with recycled cotton insulation
 • Double-glazed full height elevation provides:
 38 STC

• Standard drywall construction:
 38-40 STC with no insulation
 ALTROS NRC (NOISE REDUCTION COEFFICIENT)
 • Altros fascias provide:
 0.75 NRC
 OPTROS STC (SOUND TRANSMISSION CLASS)
 • Tempered glass 34 STC
 • Laminate glass 35 STC



Altos walls personalize and define collaborative work areas. Vertical posts feature standard slotting at every inch to accommodate shelves, media and artwork, as well as the mounting of Teknion overhead cabinets and work surfaces. Optos clerestory windows installed above Altos fascias create an open, light-filled space.

Altos fascias readily interchange to alter aesthetics and function. Inner and outer fascia elevations and finishes can differ, expanding applications and allowing a customized design. Monolithic fascias offer a homogenous look while Smart Fascia options, such as whiteboard and tackboard, add functionality to the wall surface.



Altos accept mounted storage for added functionality. Vertical posts with 1-inch slot increments also accommodate ceiling heights to a maximum of 12 feet and adapt to floor/ceiling variances with a range of $-\frac{1}{2}$ inch to +1 inches.



altos fascias
Serio, Shale

soft seating
Qui, Oromans;
Full, Wood, Peridot

Cornice-Height Altos walls are applicable for interior space division and perimeter delineation where connection to the ceiling is not needed. The walls can be freestanding or tethered to the building base as required.

optos doors

Optos offers doors in a selection of styles with a range of lock/handle hardware. A solid side panel can be used with all door styles to accommodate wires and switches for electrics and lighting.

door styles

- Glass Pivot Door
- Hinged Glass Door
- Hinged Solid Door
- Glass Barn Door

door features

- Available in 1-inch increments to accommodate ceiling heights between 8 and 10 feet
- To prevent wall damage, swing doors include a base-mounted door stop
- To minimize sound leakage, doors are available with an optional drop seal

door finishes

- Glass – tempered, laminated and graded-in glass from Teknion's Vanceva program
- Solid – laminate or veneer
- Door handles and hinges have a brushed stainless steel finish



01

- 01 optos glass pivot door
- 6mm and 10mm glass thickness
- Thin door frame
- 180-degree door swing
- Optional 10-inch high stainless steel kickplate



02

- 02 optos glass barn door
- 10mm glass thickness
- Enhanced seals minimize sound transmission
- Optional soft-close mechanism slows doors as they open/close to dampen sound and enhance safety



03

- 03 optos double glass barn door
- 10mm glass thickness
- Enhanced seals on all sizes minimize sound transmission
- Soft-close mechanism slows doors as they open/close to dampen sound and enhance safety



04

- 04 altos double glass barn door
- 10mm glass thickness
- Creates a sliding door by mounting to the inside or outside face of wall modules

altos doors

Most Altos doors are available in full and segmented heights, different styles, finishes and handle options.

door styles

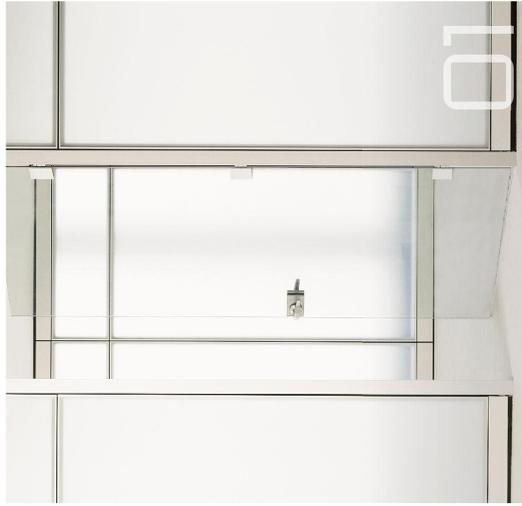
- Hinged Glass Door
- Hinged Solid Door
- Barn Door
- Pocket Door

door features

- Full-height doors are available for ceiling heights of 96 to 120 inches in 1-inch increments
- Segmented-height doors are fixed at 84 inches and can be used for ceiling heights of 96 to 120 inches in 1-inch increments
- Transoms are available for use above segmented-height doors
- To prevent wall damage, swing doors include a base-mounted door stop
- To minimize sound leakage, doors are available with an optional drop seal

door finishes

- Solid – laminate and veneer
- Solid with glass insert
- Glass – clear or frost
- Door frames are available in anodized aluminum or painted
- Door handles and hinges have a brushed chrome finish



01

01 altos hinged glass door

- 10mm glass thickness
- 90-degree door swing
- Double Hinged Glass Door is available



02

02 altos hinged solid door

- Door leaf measures 1 3/4 inches thick
- 180-degree door swing
- Double Hinged Solid Door is available
- Solid Door with glass insert is available



03

03 altos barn door with glass insert

- Solid door measures 1 3/4 inch thick
- 10mm glass thickness
- Mounts to the inside or outside face of wall modules



04

04 pocket door

- Consists of a sliding door leaf that tucks into the adjacent frame cavity
- Door leaf measures 1 3/4 inches thick
- Space efficient, as no door swing space is required

features

certification/code compliance

- GREENGUARD® Certified for Indoor Air Quality
- ISO 9001-2000 Quality Management System
- ISO 14001-2004 Environmental Management System
- CSA/UL certified
- Altos meets ICC-ES building code standard, including compliance for seismic zones

environmental responsibility

- Reduces drywall construction and demolition waste shipped to landfill
- Reduces carpet waste associated with cutting around drywall construction
- Lack of drywall dust and paint fumes improves indoor air quality
- Aluminum and steel components can be separated for end-of-life recycling; steel components contain recycled content

special architectural conditions

- Altos adapts to site conditions and architectural elements such as bulkheads, window sills, baseboards and drapery pockets
- Filler Panels, Adjustable Wall Ends and Wall Starts tailor-fit Altos to building structures



01 optos barn door trolley cover & stop
The Trolley Cover design complements the Optos aesthetic. Features such as a safety retainer are contained in its housing. The stop is positioned on the rail.



03 double barn door lock plate
An Adams Rite lock accommodates a range of cylinders and features a plated finish.



05 optos pivot door handle
Saturn and Jupiter handles are available with an anodized finish that matches the frame. Sleek pivot handles have no exposed fasteners.



07 altos to optos connection
Optos is designed to integrate with Altos, offering a compatible leveling range, transition reveals and finishes.



09 optos drywall start
Providing maximum planning versatility, Optos and Altos walls can begin at the building perimeter, window mullions, columns, bulkheads or drywall surface.



02 optos barn door seal
To maximize acoustic privacy, Barn Doors include integrated vertical and horizontal seals.



04 optos pivot door hinge and seal
Rather than mounting to the floor, Optos Pivot Doors hinge off the interior vertical frame. Integrated seals improve acoustic performance.



06 optos 2-way connection
Provides a clean, precise 90-degree connection for Barn Doors.



08 optos 90-degree corner
Mitered glass and aluminum corner trims provide a precision fit and refined aesthetic.



10 optos 3-way off-module glass connection
Glass demising wall connection uses the same high-bond adhesive tape to create a clean glass corner transition.



11 optos clerestory to altos fascia connection
Optos clerestory modules, used above 84 inches high, provide a precise intersection with Altos fascias while maintaining the low-profile aluminum extrusion.



12 optos 3-way corner connection for barn door rails
Joins one piece of glass with one or two Barn Doors at 180 degrees.

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