

Allsteel®



Aspect™

Technical Guide
Updated January 2025





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Aspect Overview

Aspect

Aspect frameless glass office fronts provide a modern, sophisticated solution for creating beautiful, natural light-filled spaces that foster visibility and transparency to promote human connection while also providing superior acoustic performance and privacy.



A Refined Portfolio

With uniform trim and frameless panels, Aspect can create defined spaces supporting a wide range of applications such as conference rooms, private offices, and touchdown spaces, while remaining light in aesthetic.

Minimal Aesthetic

The Aspect frameless glass wall system offers an elegant solution, creating offices and conference rooms with lineal trim that is uniform on all sides. This design reduces scrap, simplifies installation, and ensures a consistent visual aesthetic.

Integral to Your Workspace

The physical workplace is the embodiment of a company's culture and the people who work within it. It's where individuals and teams thrive, together or alone, to achieve business goals and build community. Aspect frameless glass walls remove solid barriers and create a sense of openness while promoting accessibility, allowing for adjacent teams to have a line of sight to leadership, project work, and team activities.



Product Details

Limited Lifetime Warranty

We recognize that keeping up with the pace of change requires having products that work as hard as the people who use them. That's why each of our products is rigorously tested and certified to meet the highest industry standards. In the unlikely event that any Allsteel product or component covered by the Allsteel Warranty should fail under normal workplace use because of defective material or workmanship, Allsteel promises to fix it. Because taking care of people is how Allsteel takes care of business. For information on Allsteel's warranty coverage, visit allsteeloffice.com.

- 10 years for partitions and glass
- 5 years for moving parts such as door hardware and mechanisms
- 2 years for self-close hinges for frameless glass hinged doors purchased after August 1, 2024
(5 years on self-close hinges purchased prior to this date)
- 1 year for sliding door soft-close mechanisms purchased after August 1, 2024
(5 years on sliding door soft-close mechanisms purchased prior to this date)
- Allsteel does not warranty COM materials, doors used in a suite entry, customer's own hardware, or third-party products

Certifications

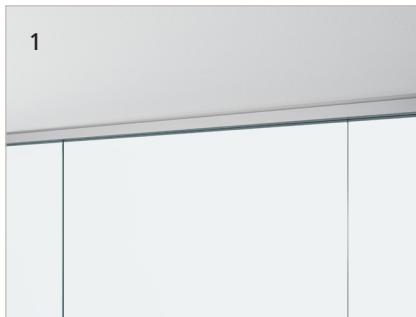
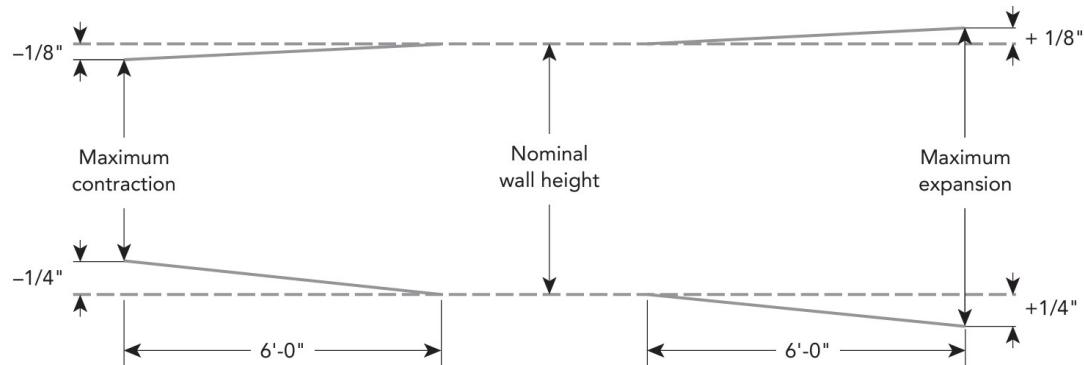
Contains recycled content/uses recyclable materials						Declare.
	Indoor Advantage Gold Certified	Material Transparency	Environmental Product Declarations	FSC-Certified Wood	BIFMA LEVEL 3	Declare Label
	Contributes to LEED and WELL	Contributes to LEED and WELL	Contributes to LEED	Contributes to LEED	Contributes to LEED	Standalone Sustainability Certification

At Allsteel, our mission is to respect people and the environment while creating the best products. Using our Design for Environment process, we plan for a product's long-term fate. Packaging, chemical content, renewable materials, and recyclability of products become important additions to the product design process. Replaceable parts are available to repair existing products, which helps reduce the environmental and social impacts of raw material extraction and energy used to produce new products.

Building Integration Details

Allsteel requires contractors to adhere to the following guidelines when installing Aspect:

- Aspect requires that the contractor adhere to a finished floor variation of $+\text{- } \frac{1}{4}$ " every 6' and a finished ceiling variation of $+\text{- } \frac{1}{8}$ " every 6'
- Aspect requires that the contractor adhere to vertical plumbness of $+\text{- } \frac{1}{8}$ " over 10'
- Field measures are required prior to order. Vertical dimensions must be measured from benchmark every 24" along run. Horizontal dimensions must be measured from finished drywall to finished drywall.



1 Header Requirements

- Aspect must be installed to a drywall ceiling or drywall header
- Minimum 4" Wide header for swing



2 Leveling

- Trim is removable to allow front loading of glass and ease of leveling
- Panels are leveled through adjustment of setting blocks (shims)





Aspect Panels & Trim

Frameless Glass

Panel Dimensions

Height

- 18"-120" H in $\frac{1}{16}$ " increments

Width

- 6 $\frac{1}{2}$ "-42" W in $\frac{1}{16}$ " increments up to 120" H
- 42 $\frac{1}{16}$ "-48" W in $\frac{1}{16}$ " increments up to 108" H

Glass Thickness

- $\frac{1}{2}$ " W
- For glass colors and types, please see Architectural Products Specification Guide

Assembled Panel Thickness

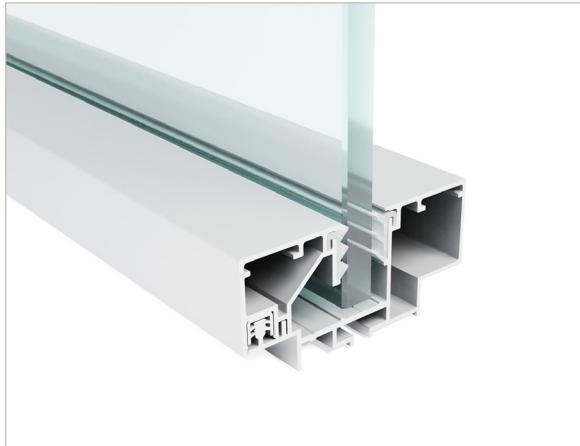
- 3 $\frac{1}{2}$ " in depth on all four sides

Orderable Increments

- $\frac{1}{16}$ " for height and width

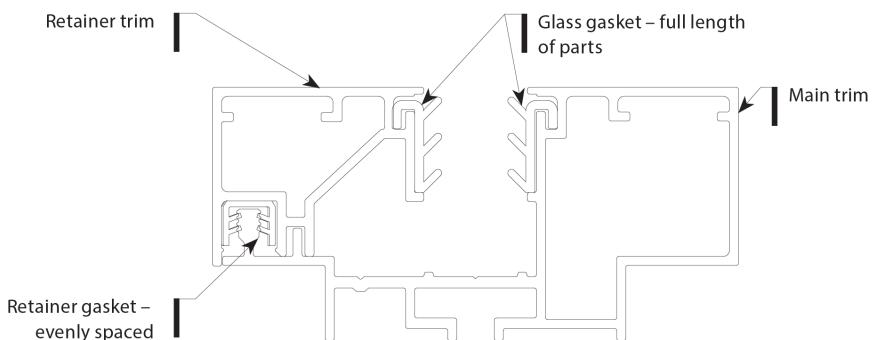


Universal Trim

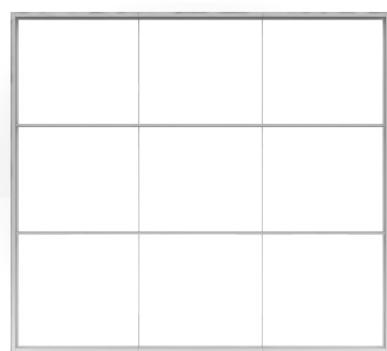
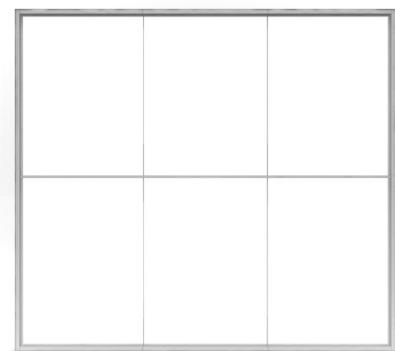


Notes

- 120" length for straight and 3-way
- 48" and 120" lengths for 2-way
- $1\frac{1}{16}$ "H x $3\frac{1}{2}$ "W trim
- Painted or anodized finish



Field-Applied Mullions



Notes

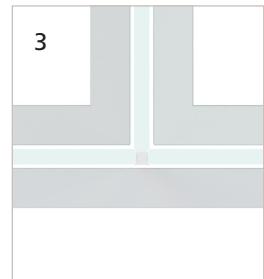
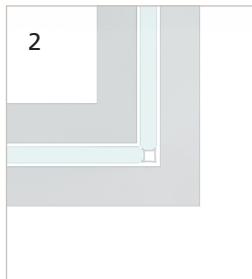
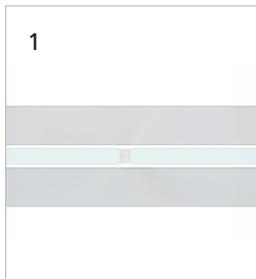
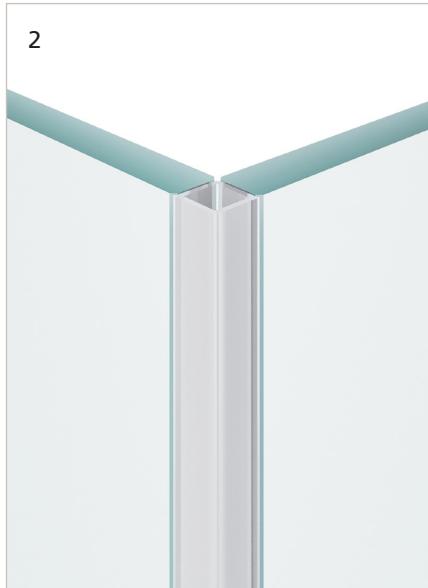
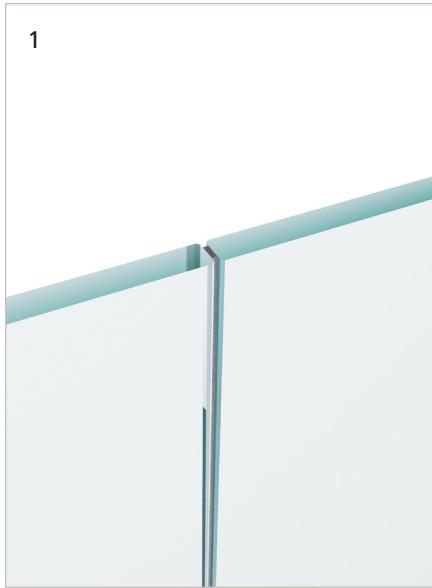
- Aspect offers field-applied mullions that can be applied vertically and horizontally in various design applications—examples of applications are shown above
- 120" length pieces can be cut down to size in the field
- As standard, the mullions are applied to both sides of the glass





Aspect Connectors

Working with Connectors



1 Straight connection

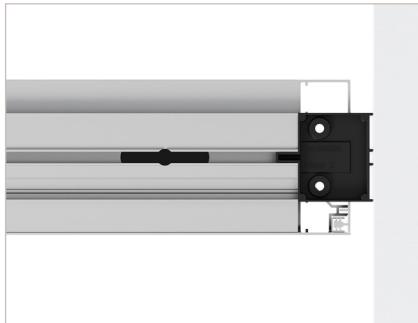
2 2-way connection

3 3-way connection

Notes

- Caulking required for glass connection other than inline/straight or 90° 2-way/3-way
- VHB (Very High Bond) tape used at straight connection
- Vertical filler used at 2-way and 3-way connections (clear polycarbonate finish only)

Wall Channels



1 Wall channel

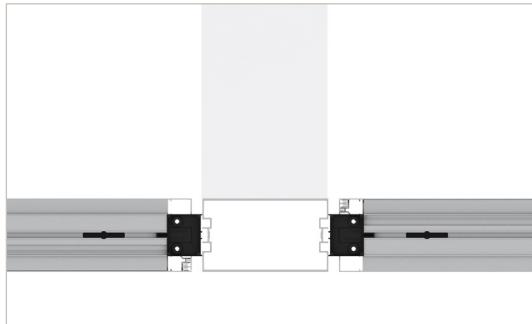
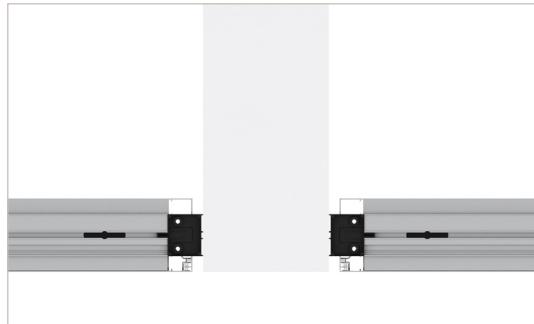
2 Corner block

3 Wall channel door frame to drywall

Notes

- A wall channel is used to connect glass to drywall, glass to a door frame, and when glass intersects a drywall endcap
- Corner blocks help with the alignment of the vertical and horizontal trim and create a continuous reveal
- Utilize a door frame to drywall wall channel when connecting a door directly to drywall

Drywall Endcap & Adapter



1 Drywall Connection

- Aspect's connection to drywall is a clean, finished aesthetic

2 Drywall Endcap

- A drywall endcap is used to create a clean, continuous look across a wall run
- The 6" Wide drywall endcap is engineered to accommodate drywall widths up to 5½"
- A door to drywall endcap adapter is used to connect an Aspect door frame to the drywall endcap

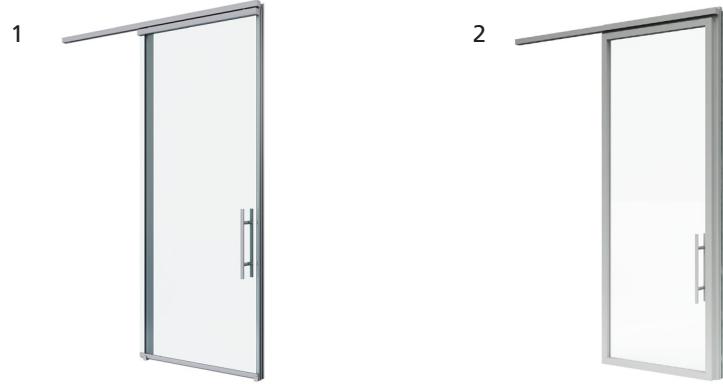






Aspect Doors & Hardware

Sliding Door Leaf Options



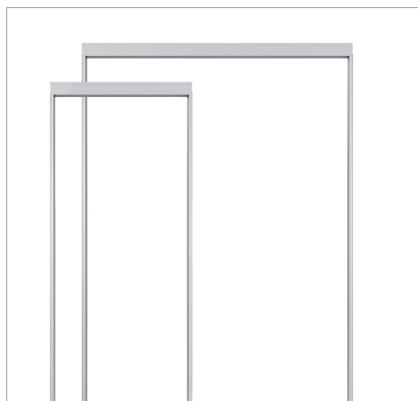
1 Frameless glass sliding door

2 Thin-framed glass sliding door

Notes

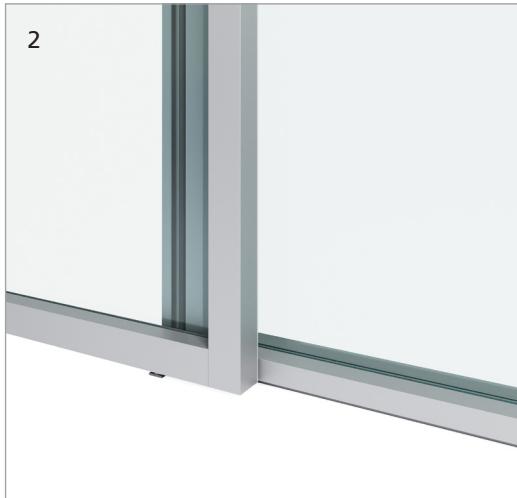
- Sliding door (both single and double) requires a 4"Header
- Frameless door is 42"W nominal for single doors, and 78"W nominal for double doors
- Thin-framed glass door comes in 42" and 48"W nominal for single door, and 78"W nominal for double doors
- Requires 37" minimum wall run length adjacent to a single sliding door and 34 1/4"W minimum wall run length adjacent on both sides of a double sliding door
- Sliding door track is available in standard (single door only) or slow close/slow open (single and double doors)

Sliding Door Frame Options



Single and double sliding door frames

Sliding Door Details

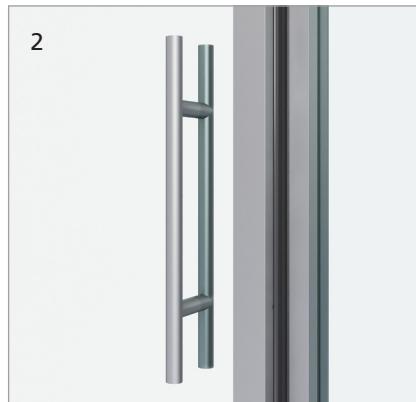


1 Frameless glass door; bottom connection

2 Thin-framed glass; bottom connection

3 Sliding door track

Sliding Door Hardware Options



1 Ladder pull on frameless glass

2 Ladder pull on thin-framed door

3 Ladder pull on frameless glass locking into frame

4 Ladder pull on thin-framed glass door mortise lock into frame

Electronic locking feature is available on thin-framed glass door only and offers keyless entry and remote access when integrated with building security systems and/or electronic card readers

Ladder Pull Options



1 12"H; passage only
Can be paired with separate full-strike mortise lock sets

2 20"H; passage only
Can be paired with separate full-strike mortise lock sets

3 49"H; passage

4 49"H; locking into floor

5 49"H, accessibility ladder pull
Available in both locking and passage options

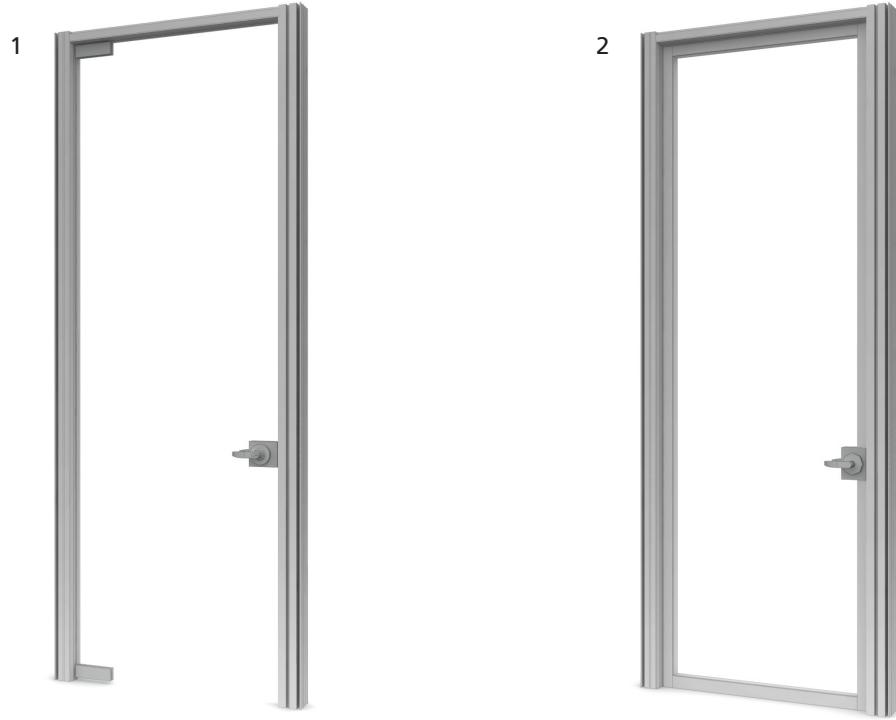
6 60"H; passage

7 60"H; locking into floor

8 60"H, accessibility ladder pull
Available in both locking and passage options

All ladder pulls available in Silver and Black finish

Pivot Door Leaf Options

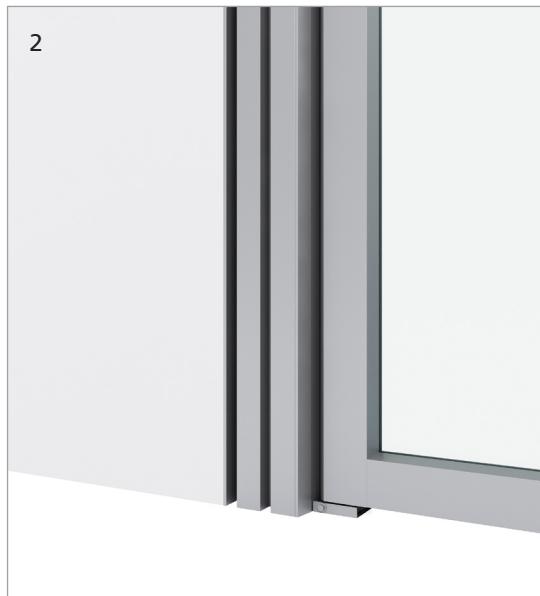


- 1** Frameless pivot door
- 2** Thin-framed glass pivot door

Notes

- Single door utilizes a nominal 39"W door module; double doors utilize a nominal 75"W door module
- Frameless glass door is not available in a double module

Pivot Door Details



1 Frameless pivot door connection to frame

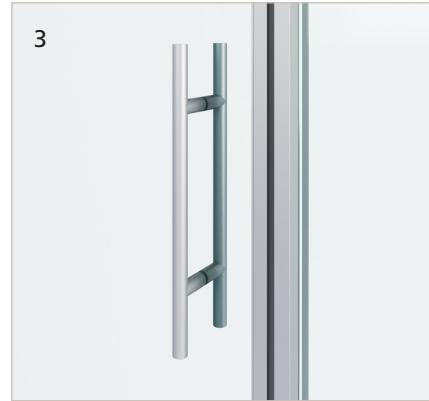
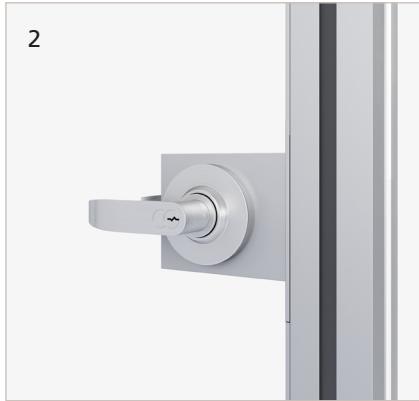
2 Thin-framed pivot glass door connection to frame

3 Cylindrical door stop

4 Dome door stop

Magnetic catch on frameless pivot door; required when door pull is specified

Pivot Door Hardware Options



1 Cylindrical lever

2 SFIC locking cylindrical lever

3 Ladder pull

Available in 12", 20", 49", and 60"H

4 Locking ladder pull

Available in 49" and 60"H

with multiple lock options

12" and 20" ladder pulls can be paired with separate full-strike mortise lock sets

5 Accessibility ladder pull

Available in 49" and 60"H with locking and passage options

Ladder pull available

in Silver and Black finish



Hinged Door Leaf Options



1 Frameless glass hinged door

2 Solid-wood hinged door

3 Thin-framed glass hinged door

Notes

- Single door utilizes a nominal 39"W module, including the frame; double doors utilize a 75"W nominal module, including the frame
- Solid door is available in veneer, laminate, or painted wood
- Hydraulic hinges provide self-closing mechanism

Hinged Door Details



1 Hydraulic door hinge

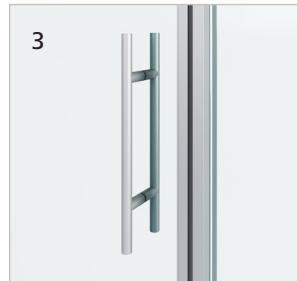
2 Standard door hinge

3 Self-closing door hinge

4 Cylindrical door stop

5 Dome door stop

Hinged Door Hardware Options



1 Cylindrical lever

2 SFIC locking cylindrical lever

3 Ladder pull

Available in 12", 20", 49", and 60"H

4 Locking ladder pull

Available in 49" and 60"H with multiple lock options

12" and 20" ladder pulls can be paired with
separate full-strike mortise lock sets

5 Accessibility ladder pull

Available in 49" and 60"H with
locking and non-locking options

6 Mortise lever

7 Locking mortise lever

8 Return mortise lever/title

24 compliant

Return locking mortise
lever/title 24 compliant

All door hardware available
in Silver and Black finish

Electronic locking feature is available on thin-framed glass door and offers keyless entry and remote access when integrated with building security systems and/or electronic card readers



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Form # A8847.A1 (01/25)

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