

Glass Entrances & Partitions – Jobsite Reference Sheet

SYSTEM OVERVIEW

Frameless glass systems used for doors, sidelites, and fixed partitions in commercial interiors.

GLASS SELECTION

Typical Thicknesses

- 1/2" tempered (standard interior)
- 5/8" or 3/4" tempered (large or tall panels)
- Laminated glass (required where fall protection or sound control is needed)

Quick Guide:

| Height (ft) | Tempered | Laminated |
|-------------|----------|----------------|
| <8' | 1/2" | Optional |
| 8–10' | 5/8" | Recommended |
| 10'+ | 3/4" | Often Required |

HARDWARE QUICK CHECK

Door Closers

- OHCC (Overhead Concealed Closer): hidden in header
- Floor Closers: hydraulic, in-ground, or patch-fitted

Handles

- Ladder-style pull handles (various finishes)
- ADA height: 34"–48" from finished floor

Locks

- Patch locks (minimal look)
 - Mag locks (electronic access control)
 - Panic hardware (required for egress doors)
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INSTALLATION GUIDELINES

Fixed Panels

- U-Channels: Secure at floor and ceiling
- Patch Fittings: Sleek wall attachment
- Rails: Wider profiles for added support

Alignment

- Use laser level to set all verticals/plumb lines
- Pocket-set into header, then align to base

Tools Needed

- Suction cups
 - Alignment jigs
 - Laser level
 - Caulk + backer rod
 - Adjustable clamps
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CODE & SAFETY REQUIREMENTS

Egress Compliance

- Minimum clear width: 32" (door at 90°)
- Outward swing required in assembly spaces
- Panic bars for high-occupancy

ADA Requirements

- Handle height: 34"–48"
- Max operating force: ≤ 5 lbs (non-fire-rated)
- Auto or power assist may be required in public buildings

Glass Visibility

- Use markers or film to prevent walk-through incidents
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PRIVACY & ACOUSTICS

Options

- Frosted film or etched bands
 - Switchable privacy glass (smart glass)
 - Acoustic laminated glass for sound control
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MAINTENANCE & TURNOVER

Provide to GC/Owner:

- Cleaning instructions (non-abrasive)
 - Hardware inspection guide
 - Contact info for service support
 - Optional: Enroll in ongoing maintenance program
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For Questions or Support:

Contact: support@learnglazing.com

Reference: *Introduction to Glass Entrances and Partitions*