MOUNTING STYLE SPECIFICATION

Floor to Ceiling (FTC)

Floor to Ceiling (FTC) anchors each pilaster to the building structure at both the floor and the ceiling, providing lateral stability without an overhead headrail.

TOP CONNECTION	BOTTOM CONNECTION	PILASTER TOP	MATERIALS
Plate and shoe L bracket or pedestal optional	**Plate and shoe** L bracket or pedestal optional	**At the ceiling** Length measured at each pilaster location	**All five** Every Ironwood partition material

WHAT IT IS

Mounting plates concealed by shoes are the standard connection at the floor and the ceiling, and L brackets or pedestals can replace them at either end. The ceiling connection requires a hard-lid ceiling with structural backing, and pilaster height follows the measured ceiling at each location.

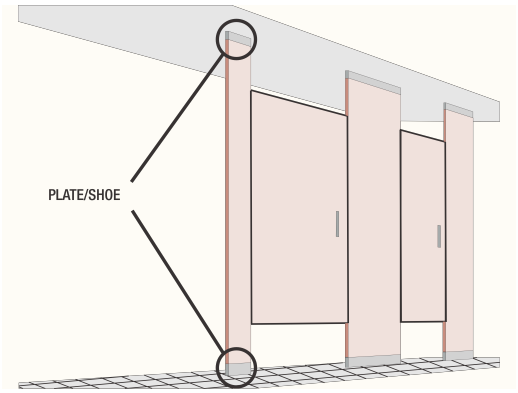
SYSTEM

COMPONENT	SPECIFICATION
Top connection	Stainless steel ceiling plate concealed by a shoe, fastened into structural backing; L bracket or pedestal as alternates
Bottom connection	Stainless steel floor plate concealed by a shoe, anchored in 2″-deep drilled holes; L bracket or pedestal as alternates
Lateral support	Dual anchor at floor and ceiling; headrail, cross pilasters, and brace pilasters not normally required
Wall connection	Wall brackets at panel and pilaster wall ends
Leveling	Up to 1″ by leveler bolt at the floor plate; external leveler blocks on Engineered Stone; pedestals adjust in the field; L brackets do not adjust

SPECIFIES WITH

MATERIALS
High Pressure Laminate (HPL) · Compact Laminate · Wood Veneer · Solid Surface · Engineered Stone

DOOR STYLES
Flat Panel · Applied Molding · Louver · Door Lite · Captured Panel · Engraving · Inlay · Barn X · Custom Shape



Pilaster secured at the finished floor and finished ceiling by mounting plates concealed by shoes, with no headrail.

SITE CONDITIONS

Ceiling attachment	**Required**
Suspended ceilings	**No**
Floor access	**Moderate**
Stability	**Exceptional**
Maintenance	**Low**

MOUNTING SELECTION

STRENGTHS

+ **Structural Stability.** Pilasters anchor at the floor and ceiling for lateral stability without an overhead headrail.
+ **Privacy Options.** Supports taller doors and panels, transoms, and compatible Zero Sightline construction.
+ **Hardware Options.** Plates and shoes, L brackets, or pedestals, selected independently at the top and bottom.

CONSIDERATIONS

! **Ceiling Backing.** Requires structural ceiling backing coordinated before ceiling closure.
! **Height and Support.** Tall pilasters without perpendicular support may flex; material and layout are reviewed together.

Floor to Ceiling (FTC)

TECHNICAL REFERENCE

STANDARD ELEVATIONS

DOOR HEIGHT	FLOOR GAP	DOOR TOP	PILASTER TOP
58″	12″	70″	Ceiling
72″	9″	81″	Ceiling
84″	9″	93″	Ceiling

Floor gap, door top, and pilaster top are measured above the finished floor.

HEIGHTS AND CLEARANCES

ITEM	SPECIFICATION
Tall pilasters	Over 102″ without perpendicular support may flex; a return headrail or aluminum post adds rigidity
Door bottom	0.5″ minimum above finished floor where hardware and accessibility permit; a floor pedestal sets the minimum at its height
Zero Sightline at shoes	4″ minimum door clearance at the floor and at the ceiling

BUILDING REQUIREMENTS

CONDITION	REQUIREMENT
Ceiling	Level hard-lid ceiling with solid backing anchored to the structure at every top connection; structurally anchored wood blocking acceptable
Floor	2″-deep anchor holes at each floor plate; some floors are not suitable; pedestals require concrete or masonry
Wall backing	Solid backing behind every wall bracket
Field measurement	Floor-to-ceiling height at each pilaster location before fabrication

HARDWARE

COMPONENT	SPECIFICATION
Shoes	3″, one at each plate connection; none at L brackets or pedestals
Pedestals	Aluminum; 3″, 4″, 9″, or 12″; replace the shoe at that connection
L brackets	No shoe; fasteners visible on the pilaster face; with L brackets at both ends, pilasters are field-cut to height

LAYOUT RULES

CONDITION	RULE
Back-wall pilasters	Run floor to ceiling with the same top and bottom hardware as front pilasters
Pilaster width	3″ minimum; back-wall pilasters 8″ minimum. With pedestals: engineering review under 5″, hardware interference review under 8″
Pedestal count	One on pilasters under 8″ wide or with an end teeing into a wall or pilaster; two otherwise

OPTIONS

OPTION	DETAIL
Transoms	Fill the opening above the door
Zero Sightline	Depends on edge and hinge; continuous geared hinges support the strike side only

RELATED DOCUMENTS Compatible material and door style pages, the limited warranty, and the Spec Builder are linked from ironwood-mfg.com/products/mounting-styles/floor-to-ceiling/