MOUNTING STYLE SPECIFICATION

Floor Mount (FM)

Floor Mount (FM) anchors each pilaster to a concrete floor with a concealed mounting bar and has no top connection, leaving the space above the partitions open.

TOP CONNECTION	BOTTOM CONNECTION	PILASTER TOP	MATERIALS
None	**Bar and shoe**	**70″ maximum**	**Three**
No headrail or ceiling attachment	Anchored into a concrete slab	Pilaster and door top above finished floor	HPL, Compact Laminate, and Wood Veneer

WHAT IT IS

Floor Mount pilasters attach only at the floor, where a shoe conceals a mounting bar anchored into the concrete slab, with no headrail or ceiling connection. The single anchor point limits pilaster height and material weight, so stability also depends on perpendicular panels, pilasters, or walls.

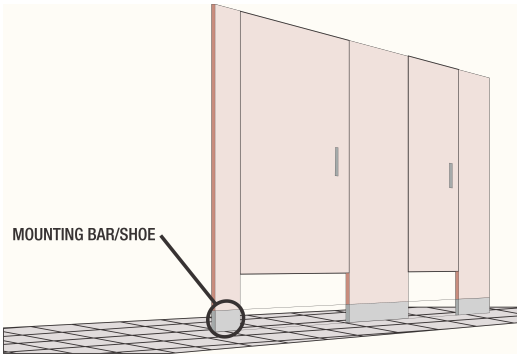
SYSTEM

COMPONENT	SPECIFICATION
Top connection	None; no headrail or ceiling attachment
Bottom connection	Mounting bar anchored into concrete with expansion wedge anchors, concealed by a shoe
Lateral support	Connecting panel, pilaster, or wall at every pilaster
Wall connection	Partition brackets fastened to the wall

SPECIFIES WITH

MATERIALS
High Pressure Laminate (HPL) · Compact Laminate · Wood Veneer

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



Floor connection: mounting bar anchored into a 4″ minimum concrete slab with expansion wedge anchors, concealed by a shoe; no ceiling attachment.

SITE CONDITIONS

Ceiling attachment	None
Suspended ceilings	Yes
Floor access	Moderate
Stability	Limited
Maintenance	High

MOUNTING SELECTION

STRENGTHS

+ **Open Ceiling View.** No headrail or ceiling hardware; high ceilings and architectural details stay visible above the partitions.
+ **Independent Ceiling.** No structural ceiling backing; installation is coordinated around the floor and wall connections.

CONSIDERATIONS

! **Height and Privacy.** Door top limited to 70″ above finished floor, including the floor gap, which limits overhead privacy.
! **Structural Support.** Every pilaster needs perpendicular support; alcoves and open ends may need cross or brace pilasters.
! **Floor Construction.** The slab carries the whole load: concrete at least 4″ thick; non-reinforced wood floors are excluded.
! **Ongoing Adjustment.** Moves more under door operation than styles supported at both ends, so it needs more ongoing adjustment.

TECHNICAL REFERENCE

STANDARD ELEVATIONS

DOOR HEIGHT	FLOOR GAP	DOOR TOP	PILASTER TOP
58″	12″	70″	70″

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

HEIGHTS AND CLEARANCES

ITEM	SPECIFICATION
Pilaster and door top	70″ (1778 mm) maximum above finished floor, including the floor gap
Door height	58″ standard; standard 72″ and 84″ doors exceed the door top limit
Door floor gap	12″ default with a 58″ door; 0.5″ hardware minimum; shoe height plus 1″ with Zero Sightline; wheelchair compartments need toe clearance

BUILDING REQUIREMENTS

CONDITION	REQUIREMENT
Ceiling	No attachment or backing required
Floor	Concrete at least 4″ thick; non-reinforced wood floors not compatible
Wall backing	Solid backing behind the finished wall at bracket locations
Floor scan	Required before drilling post-tension or radiant-heated slabs

HARDWARE

COMPONENT	SPECIFICATION
Mounting bar	Dual-notch with two expansion wedge anchors on pilasters 6″ and wider; single-notch with one anchor under 6″
Shoe	One per pilaster, concealing the mounting bar
Shoe height	HPL and Wood Veneer 5″ (edge band last) or 4″ (edge band first); Compact Laminate 3″

LAYOUT RULES

CONDITION	RULE
Freestanding pilaster width	8″ minimum; narrower pilasters must be wall-mounted and require engineering review
Alcoves	Cross pilaster, 8″ minimum, or brace pilaster, 6″ minimum (7″ preferred)
Accessible stalls	Cross pilasters may encroach on required clear floor space; confirm with the authority having jurisdiction

OPTIONS

OPTION	DETAIL
Custom pilaster height	Below 70″, down to the door top; shorter pilasters are more stable

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-mount/