MOUNTING STYLE SPECIFICATION

# European

European mounting pairs a headrail across the pilaster tops with adjustable aluminum pedestals at the base, raising the partition with no ceiling connection.

| TOP CONNECTION | BOTTOM CONNECTION | PILASTER TOP | MATERIALS |
|---|---|---|---|
| **Headrail** | **Pedestals** | **82″ minimum** | **Four of five** |
| Anti-grip aluminum standard | Aluminum, height adjustable; no shoes | Above finished floor with standard doors and hinges | Not Engineered Stone |

## WHAT IT IS

The headrail braces the pilaster tops to adjacent walls, and aluminum pedestals anchor each pilaster to a concrete or masonry floor in place of shoes. No ceiling attachment is required, so suspended and irregular ceilings work, and the pedestal height sets the pilaster bottom above the finished floor.

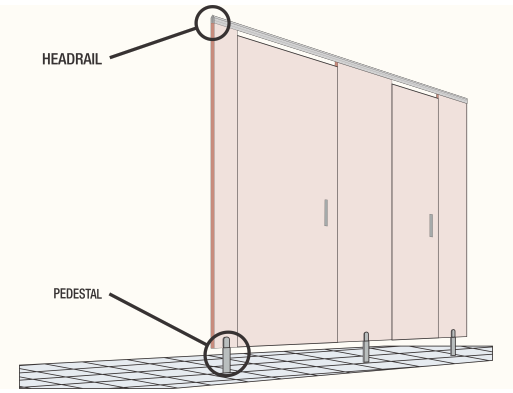
## SYSTEM

| COMPONENT | SPECIFICATION |
|---|---|
| **Top connection** | Headrail across the pilaster tops |
| **Bottom connection** | Aluminum pedestals; no floor plates or shoes |
| **Lateral support** | Headrail braces the pilaster tops to adjacent walls; no ceiling connection |
| **Wall connection** | Wall brackets at headrail ends; L brackets with custom headrail |
| **Leveling** | Threaded pedestal adjusts 0.5″ down to 0.75″ up; 3″ pedestal 0.125″ down to 0.75″ up |

## SPECIFIES WITH

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

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




European detail: the headrail ties the pilaster top back to the adjacent wall, and aluminum pedestals carry the pilaster to the floor.

## SITE CONDITIONS

| | |
|---|---|
| **Ceiling attachment** | ● None |
| **Suspended ceilings** | ● Yes |
| **Floor access** | ● High |
| **Stability** | ● Very high |
| **Maintenance** | ● Low to moderate |

## MOUNTING SELECTION

### STRENGTHS

+ **Stability and Support.** Headrail bracing and floor-anchored pedestals give lateral stability with no ceiling connection.
+ **Floor Access.** Pedestals raise the pilasters off the floor; the selected floor gap sets cleaning access.
+ **Adjustable Pedestals.** Threaded pedestals adjust in height to accommodate floor variation.

### CONSIDERATIONS

! **Visible Hardware.** The headrail and floor pedestals remain visible; their finish is part of the design.
! **Floor Substrate.** Pedestals require concrete or equivalent masonry and cannot anchor to a wood subfloor alone.
! **Cost and Clearance.** Costs more than Headrail Braced; custom headrail needs additional ceiling clearance.

TECHNICAL REFERENCE

## STANDARD ELEVATIONS

| DOOR HEIGHT | FLOOR GAP | DOOR TOP | PILASTER TOP |
|---|---|---|---|
| **58″** | 12″ | 70″ | 82″ |
| **72″** | 9″ | 81″ | 82.5″ |
| **84″** | 9″ | 93″ | 94.5″ |

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

## HEIGHTS AND CLEARANCES

| ITEM | SPECIFICATION |
|---|---|
| **Minimum pilaster top** | 82″ above finished floor with standard headrail and doors |
| **Ceiling clearance** | 3″ minimum above the pilaster top; 15″ with custom headrail |
| **Pilaster bottom** | Equals the pedestal height, 3″ minimum; lower only with a recessed pedestal |
| **Toe clearance** | Pedestals may sit within the toe clearance below accessible compartment partitions |

## BUILDING REQUIREMENTS

| CONDITION | REQUIREMENT |
|---|---|
| **Ceiling** | No attachment or backing; any ceiling type, including suspended |
| **Floor** | Concrete or equivalent masonry, 3.5″ minimum thickness recommended; not a wood subfloor alone |
| **Wall backing** | Solid backing at every headrail wall attachment |
| **Slab scan** | Post-tension and radiant-heat slabs scanned before drilling |

## HARDWARE

| COMPONENT | SPECIFICATION |
|---|---|
| **Headrail** | Anti-grip extruded aluminum, clear anodized; for 0.75″, 1″, and 1.25″ pilasters |
| **Headrail pieces** | Standard aluminum: 105″ maximum shipped piece; longer runs are spliced |
| **Pedestals** | Aluminum; stocked in 3″, 4″, 9″, and 12″ heights |

## LAYOUT RULES

| CONDITION | RULE |
|---|---|
| **Pedestal count** | One per pilaster under 8″ wide or with an end that tees into a wall or pilaster; two on all others |
| **Narrow pilasters** | Hardware interference review under 8″ wide; engineering review under 5″ |
| **Perpendicular support** | Not required; the headrail braces the pilasters |
| **Alcoves** | Over 72″ wide without an intersecting pilaster: return headrail to the wall |

## OPTIONS

| OPTION | DETAIL |
|---|---|
| **Custom headrail** | 3″ rail in HPL, Wood Veneer, Compact Laminate, or Solid Surface; not Engineered Stone; cut and sealed in the field |
| **Powder coat** | Aluminum headrail in a range of colors; exact match to the partition finish not assured |
| **Recessed pedestal** | Compact Laminate pilaster notched over the pedestal; pilaster bottom as low as 0.5″ |

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