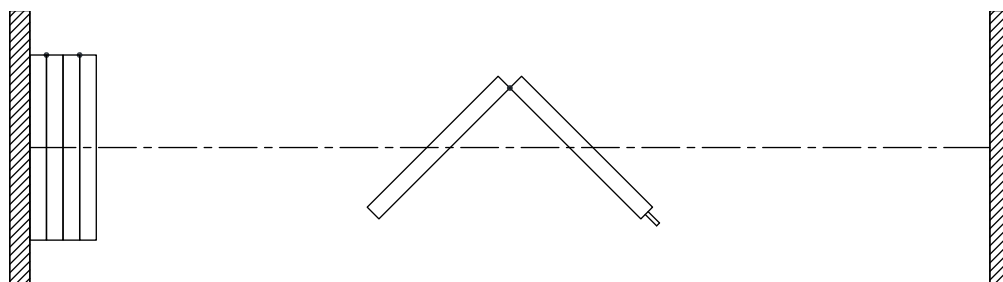




## Technical Data Sheet Crystal 242



### ***Features & Options***

#### **Standard Features**

- Manually-operated paired-panel glass movable partition.
- STC 44.
- 102 mm [4"] nominal thickness. 1230 mm [48 1/2"] maximum width.
- Clear-anodized steel-reinforced aluminum frame.
- Protective trims on the entire perimeter.
- Combination aluminum and vinyl tongue and groove vertical sound seals between panels.
- Final closure by telescopic jamb.
- Type FA horizontal seals:
  - Fixed top sweeps
  - Automatic retractable bottom seals set as panels are deployed
  - bottom seals provide a 50 mm [2"] floor clearance
  - last panel (or last pair of panels) fitted with fixed bottom sweeps
- Clear-anodized 6063-T6 alloy aluminum track.
- Each panel supported by one carriers made up of four vertically-aligned precision-ground hardened steel ball bearing wheels with nylon tires.

- 6 mm [1/4"] clear tempered glass faces.

- Maximum height : 3733 mm [12'-3"].

#### **Optional Features and Accessories**

- Powder-coated frame and/or track.
- 11 ga. steel track, painted white.
- Ultra-clear or painted glass.
- Battery-powered electrically tilting blinds operated by remote control.
- Inset white marker boards / chalk boards / natural cork tack boards.
- Chalk tray.
- Acoustical or non-acoustical pocket door.
- Final closure by ADA-compliant pivot panel.

#### **Pivot panel options:**

- panic bar
- panic bar with lockable lever
- deadbolt lock

### Optional Features and Accessories (cont'd)

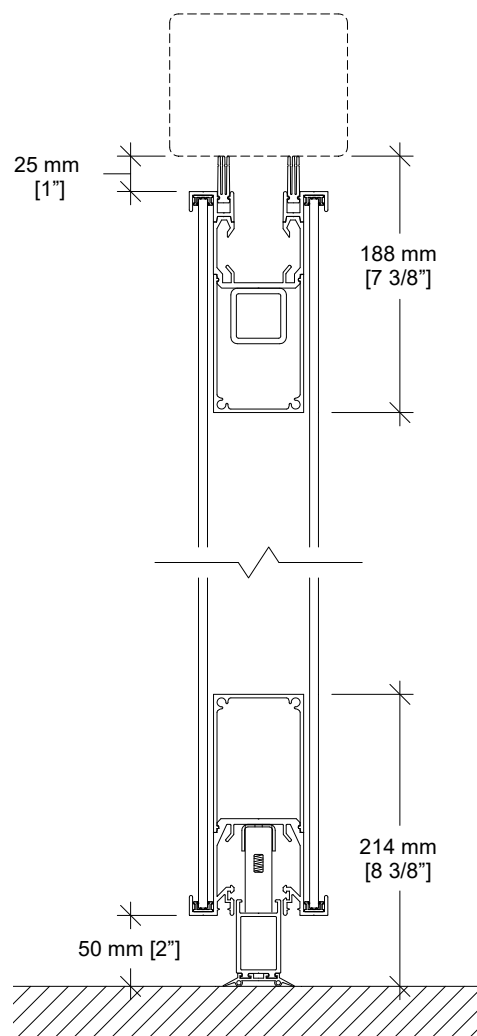
- ADA-compliant u-shaped pass door with flush pulls and roller latch.

Pass door options:

- concealed automatic closer
- panic bar (concealed automatic closer included)
- panic bar with lockable lever (concealed automatic closer included)
- self-luminous "Running Man" exit sign with green faceplate (standard outside USA, optional in USA) \*
- photoluminescent "EXIT" sign with red faceplate (standard in USA, optional elsewhere) \*
- photoluminescent "EXIT" sign with green faceplate (optional) \*
- self-luminous "EXIT" sign with red faceplate (optional) \*
- self-luminous "EXIT" sign with green faceplate (optional) \*
- deadbolt lock \*

*\* An exit sign and a deadbolt lock will not be installed together on the same door.*

### **Horizontal Seals**



#### **Type FA**

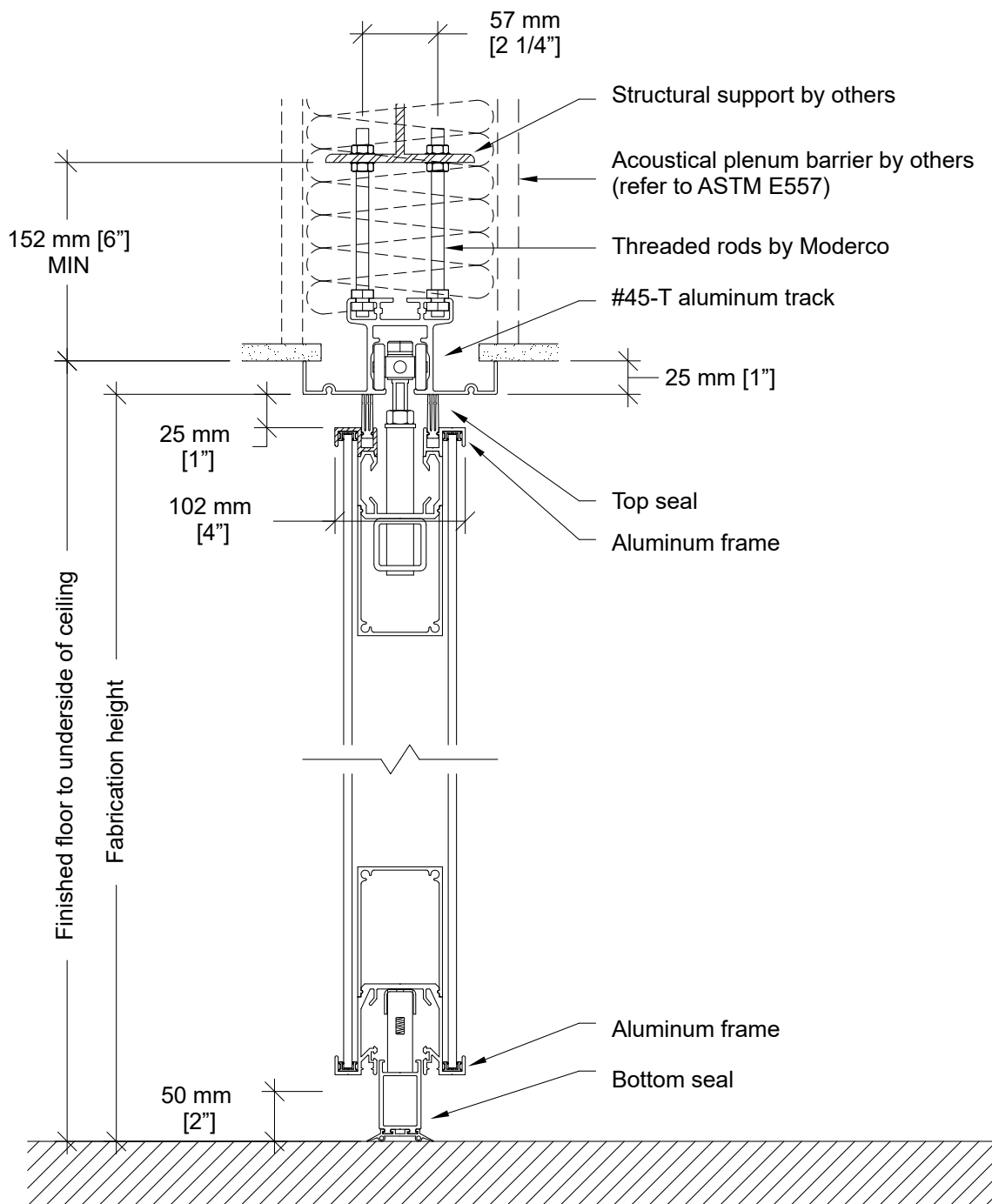
Floor clearance : 50 mm [2"]

Operating tolerances :

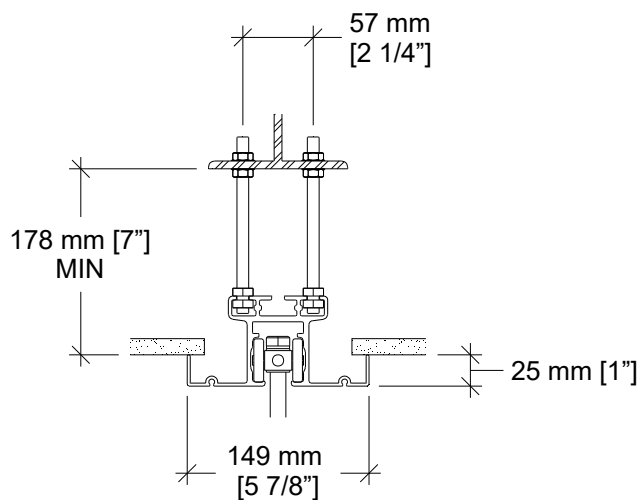
+0 mm / -38 mm [+0" / -1 1/2"]

(+0 mm / -25 mm [+0" / -1"] if the partition has a pass through door)

## Vertical Section

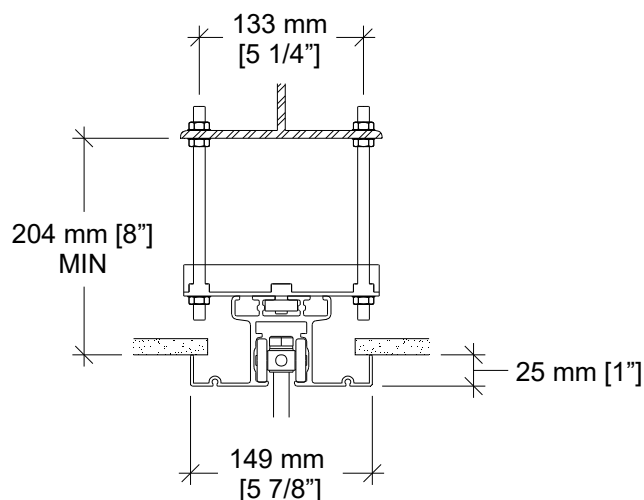


## Track Options



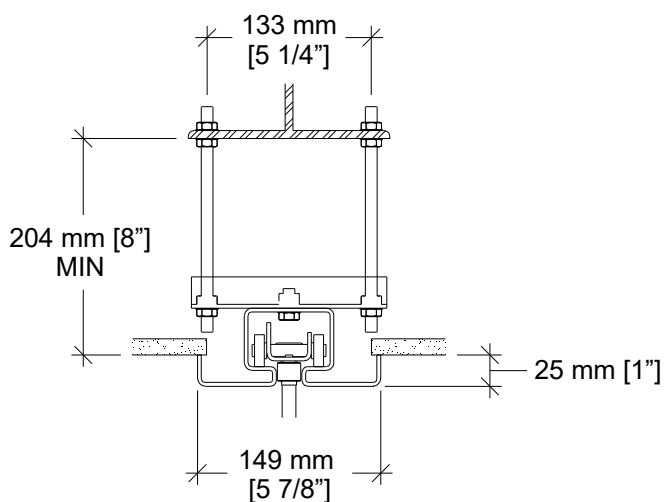
**#45-T aluminum track**

Standard for partitions up to a height of 4648 mm [15'-3"].



**#45-T aluminum track with optional hanger bracket**

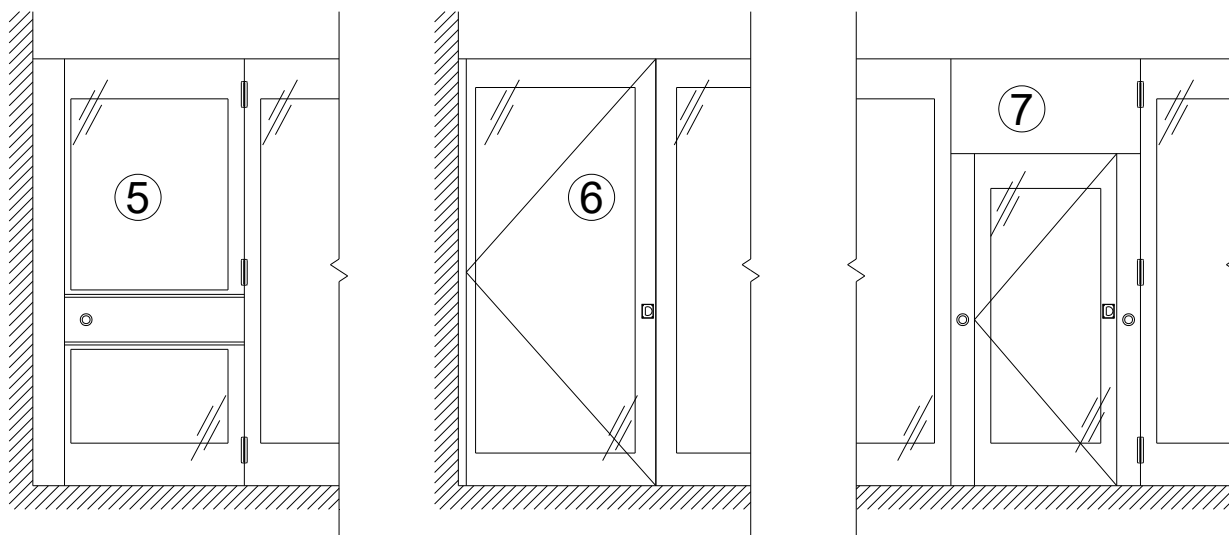
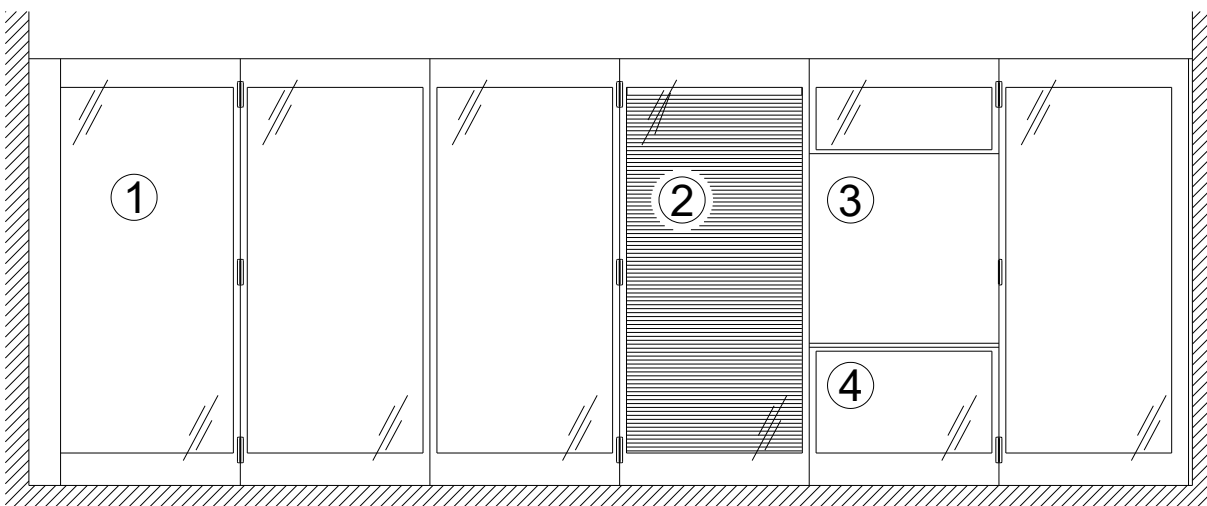
Hanger bracket required for installations where the topmost nuts cannot be used for adjustment.



**#72 steel track with hanger bracket**

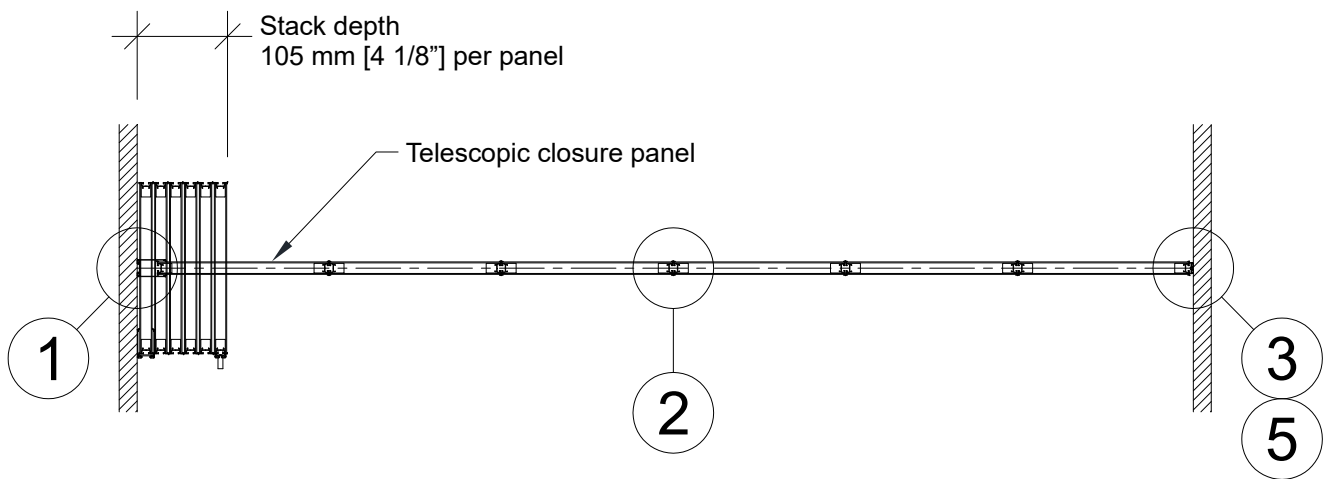
Optional for partitions up to a height of 4648 mm [15'-3"].

## Elevation

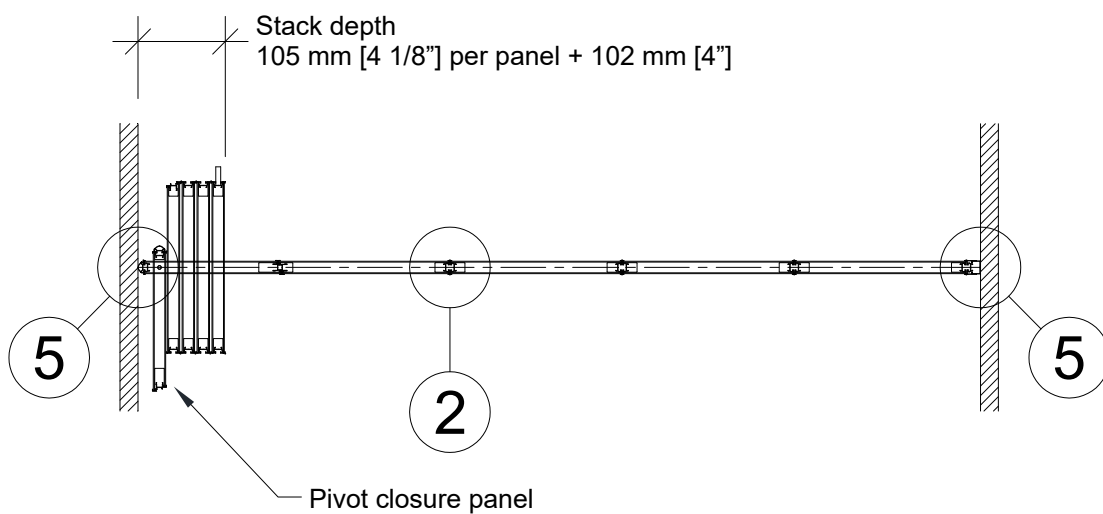


- 1- Telescopic closure panel
- 2- Electrically tilting blinds operated by remote control (optional)
- 3- Work surfaces (optional)
- 4- Marker tray (optional)
- 5- Telescopic closure panel with rack and pinion mechanism (optional)
- 6- Pivot panel (optional)
- 7- U-shaped pass door (optional)

## Plan Views

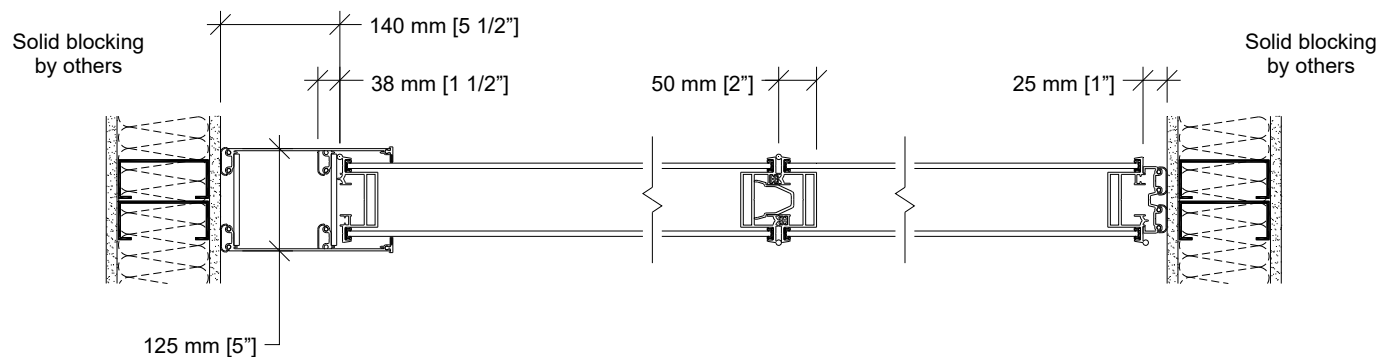


**Telescopic closure panel**



**Pivot closure panel**

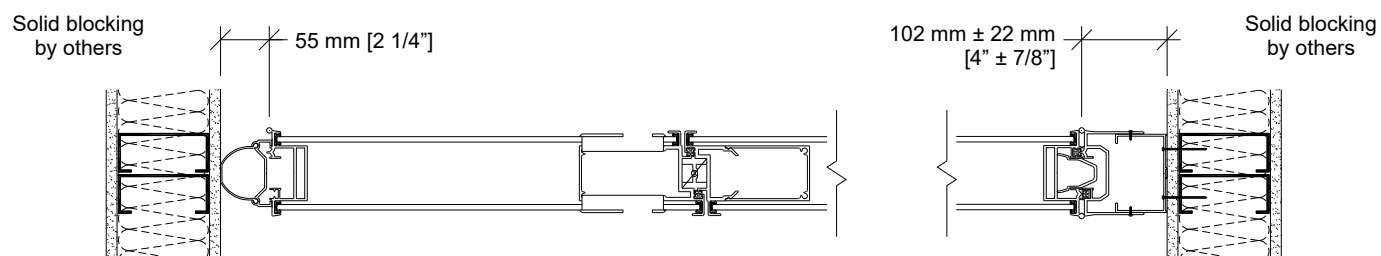
## Horizontal Sections



1 Telescopic closure

2 Panel joint (panels type FA horizontal seals)

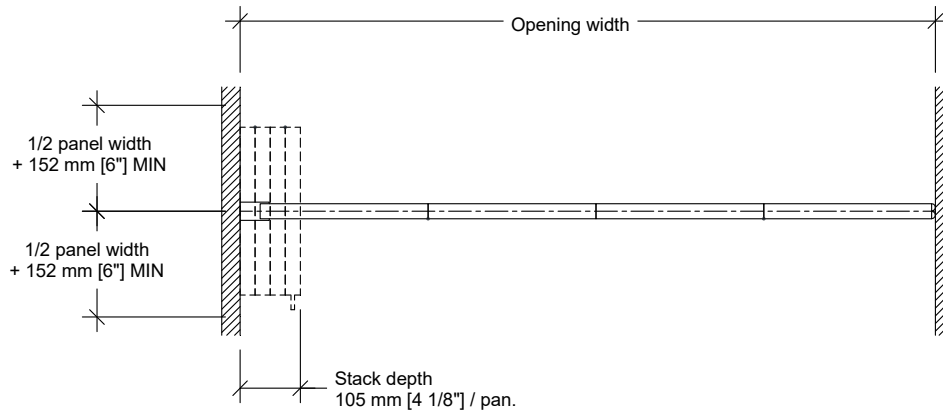
3 Bulb seal



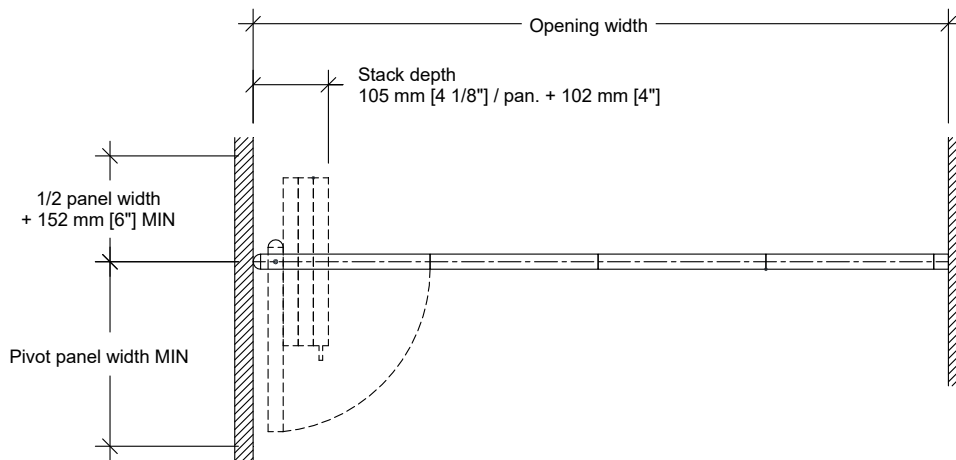
4 Pivot closure panel with recessed pulls and roller latch (optional)

5 Wall jamb (optional)

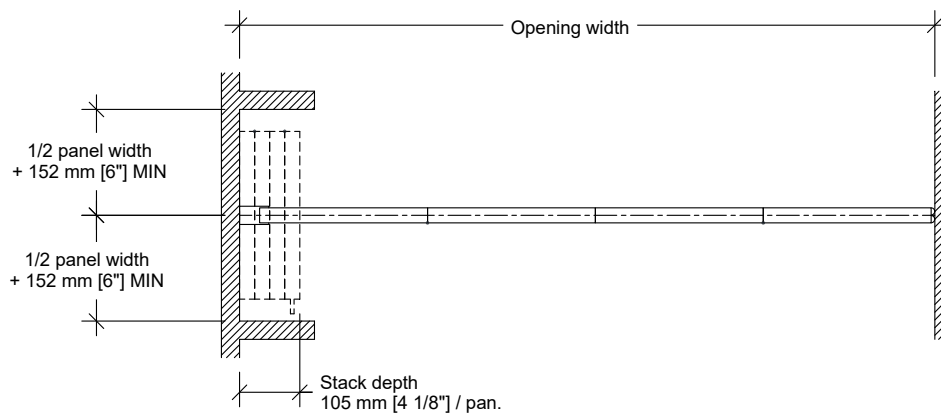
## Typical Layouts



### Wall to wall – telescopic closure



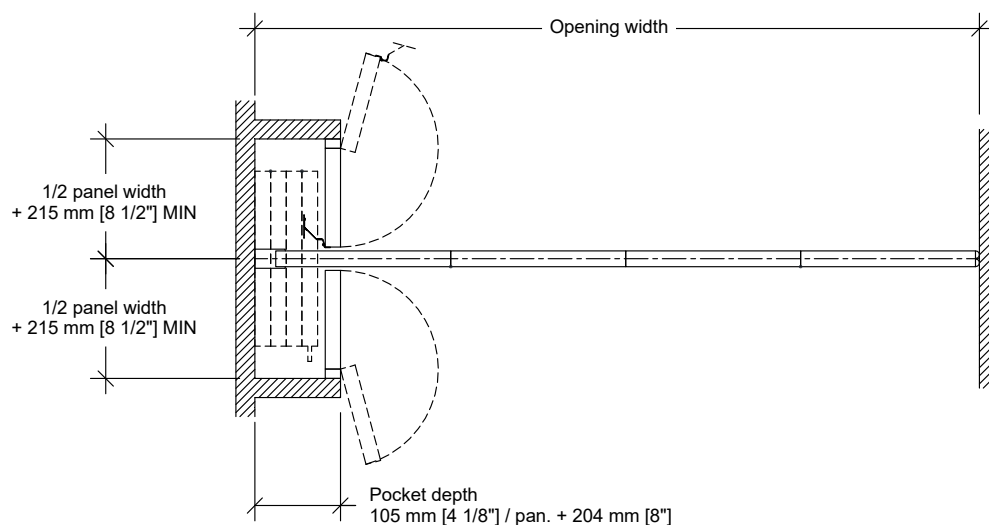
### Wall to wall – pivot closure



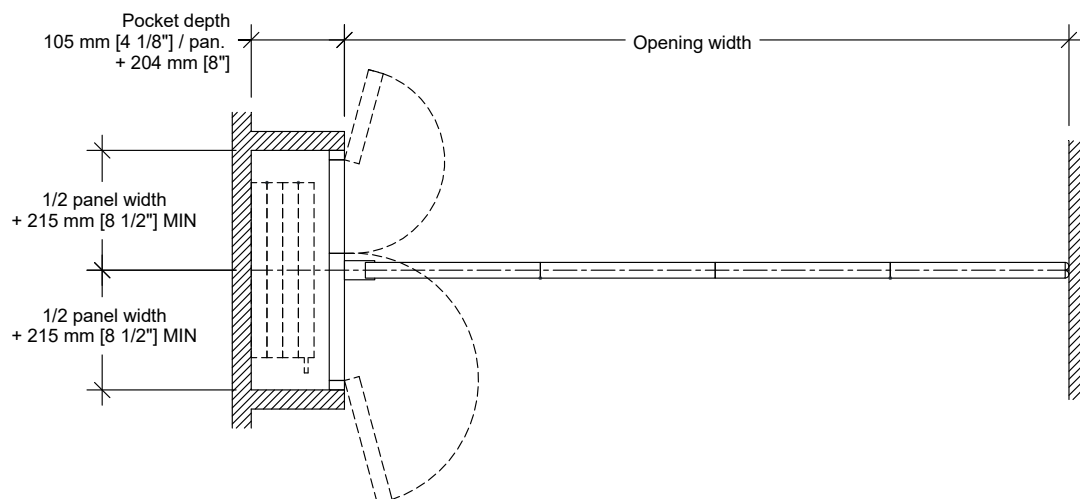
### Pocket



## Typical Layouts (cont'd)



**Pocket and PN-83 non-acoustical pocket door  
(partition seals to back of pocket)**



**Pocket and PA-82 acoustical pocket door  
(partition seals to face of pocket door)**