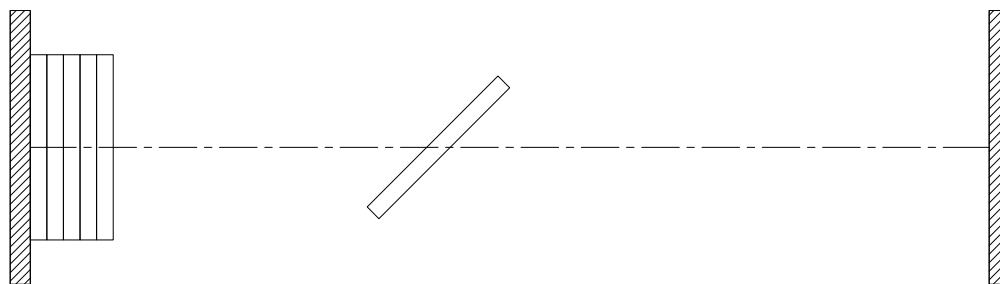**MODERCO**

Technical Data Sheet
Crystal 240 – STC 44

Features & Options

Standard Features

•   Manually-operated single-point individual-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 MM-1.5 horizontal seals:
    - top and bottom retractable seals
    - Manually-operated, simultaneously-activated top and bottom seals
    - bottom seals provide a 38 mm [1 1/2"] floor clearance

•   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

CRYSTAL 24044 - 25-12_0

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

25 mm [1"]

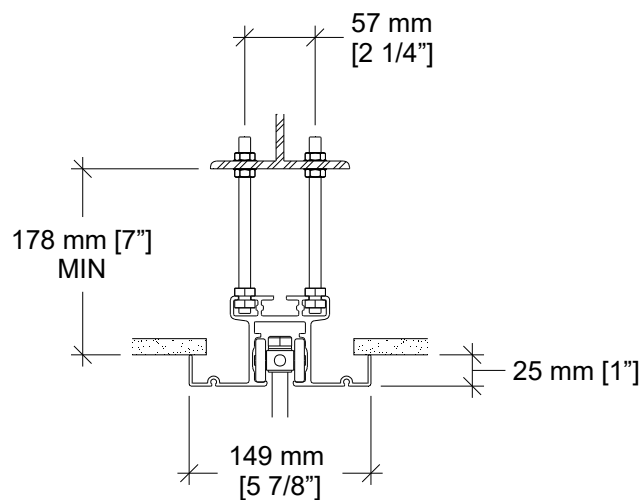260 mm [10 1/4"]

273 mm [10 3/4"]
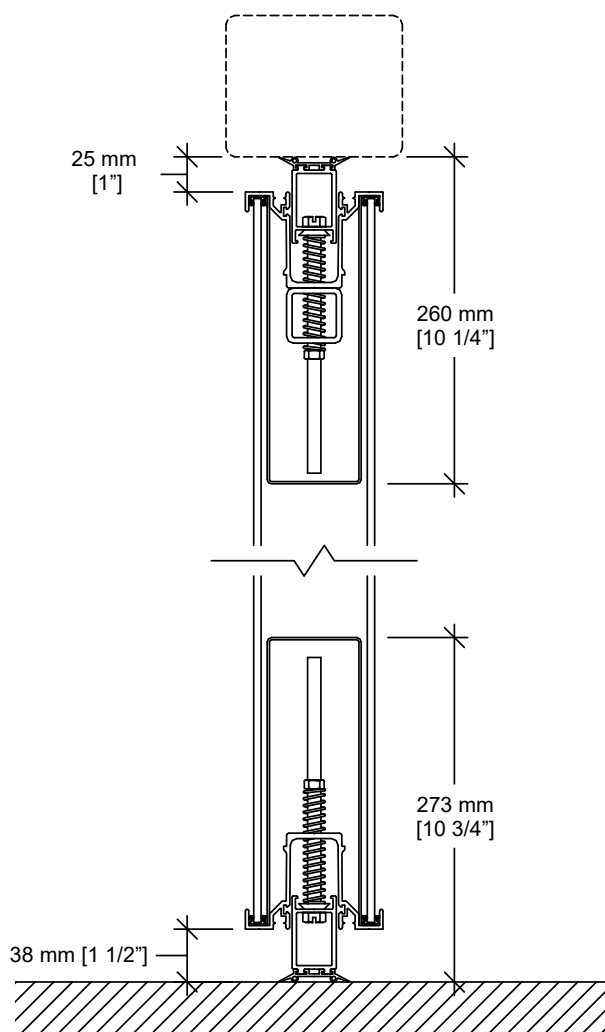
38 mm [1 1/2"]

Type MM-1.5
Floor clearance : 38 mm [1 1/2"]
Operating tolerances :
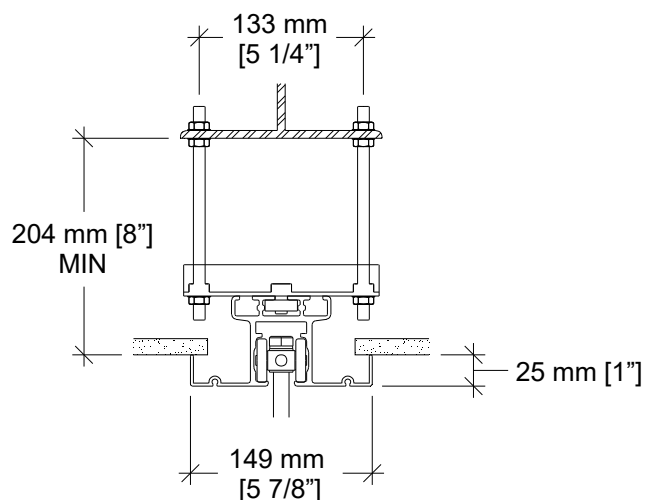+0 mm / -19 mm [+0" / -3/4"]
(+0 mm / -12 mm [+0" / -1/2"] if the partition has a pass through door)
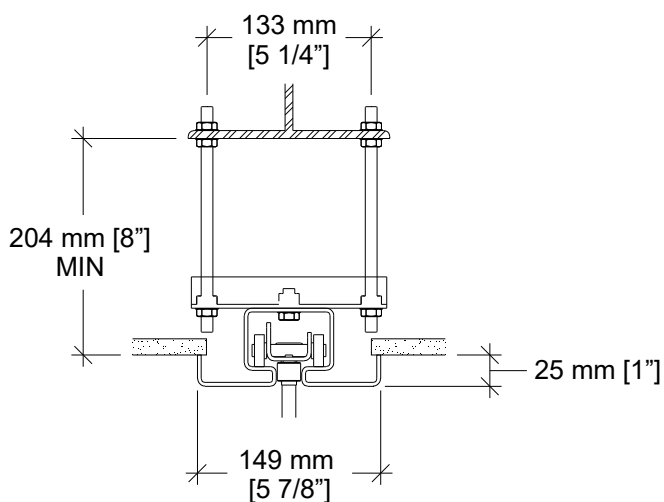
Track Options

#45-T aluminum track

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

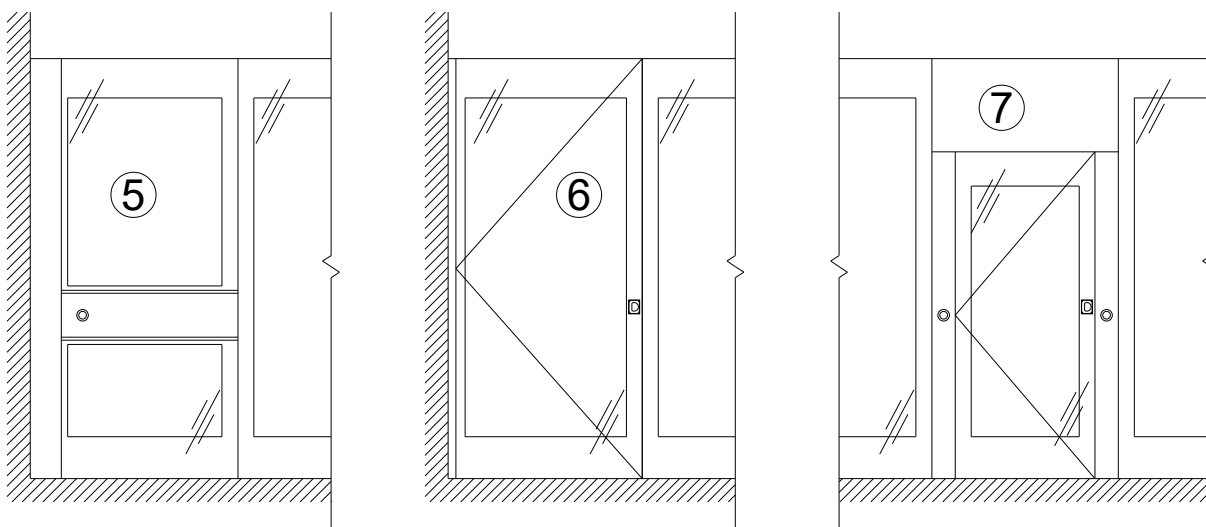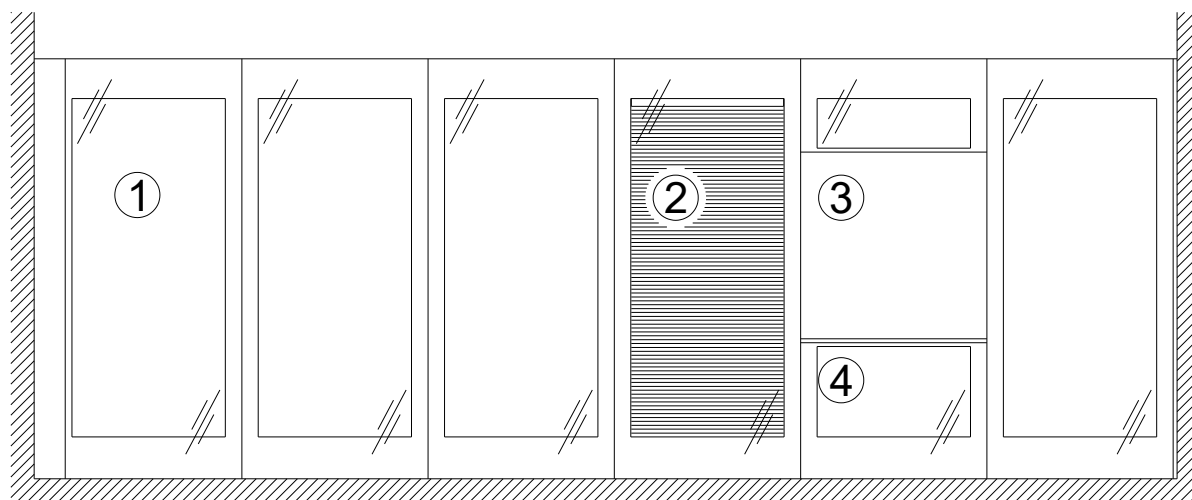### #45-T aluminum track with optional hanger bracket

Hanger bracket required for installations where the topmost nuts cannot be used for adjustment.
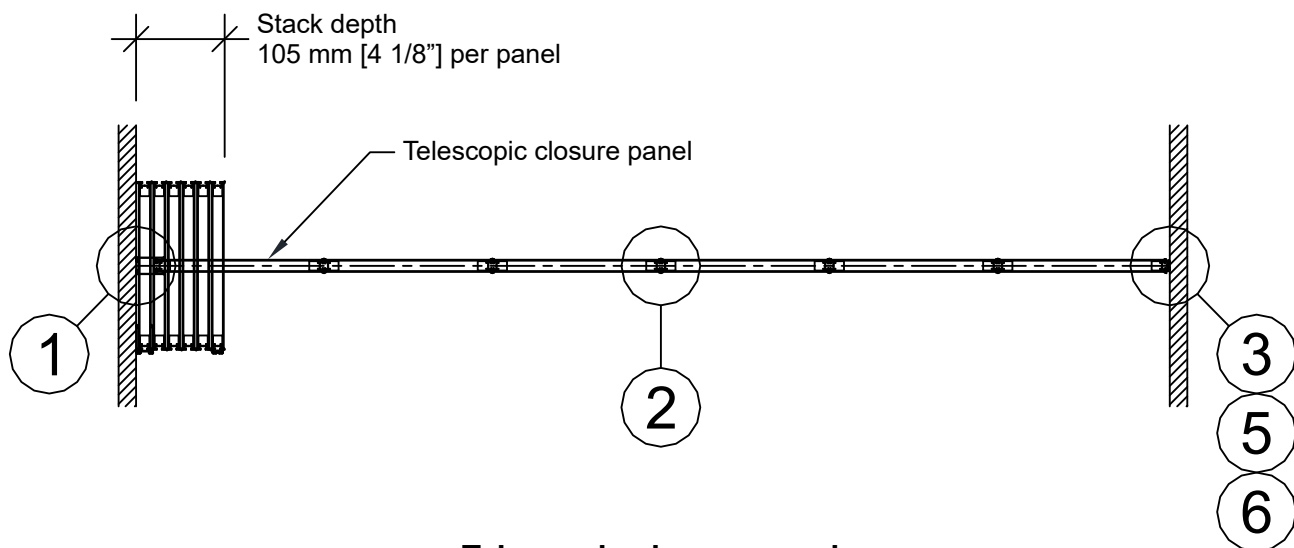
#72 steel track with hanger bracket

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

Elevation
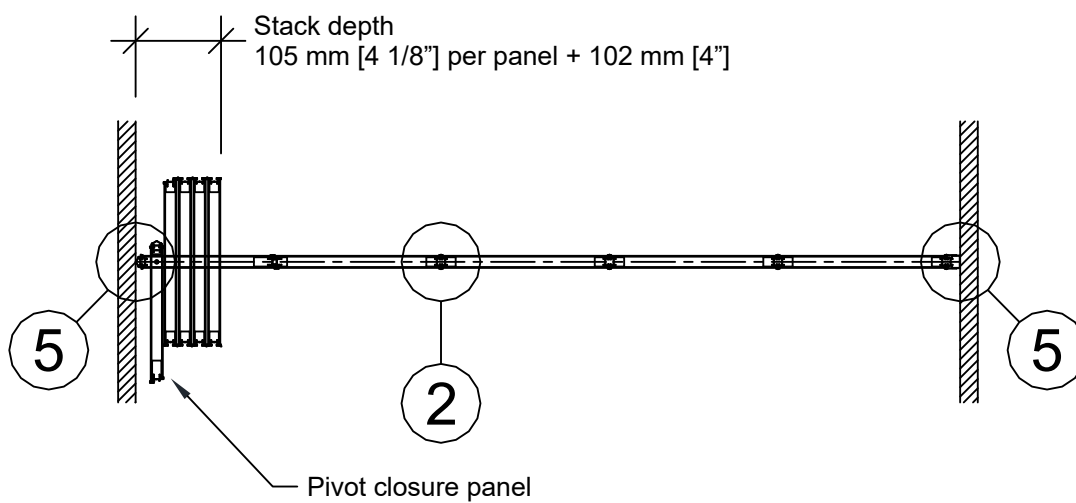

1- Telescopic closure panel

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
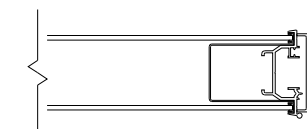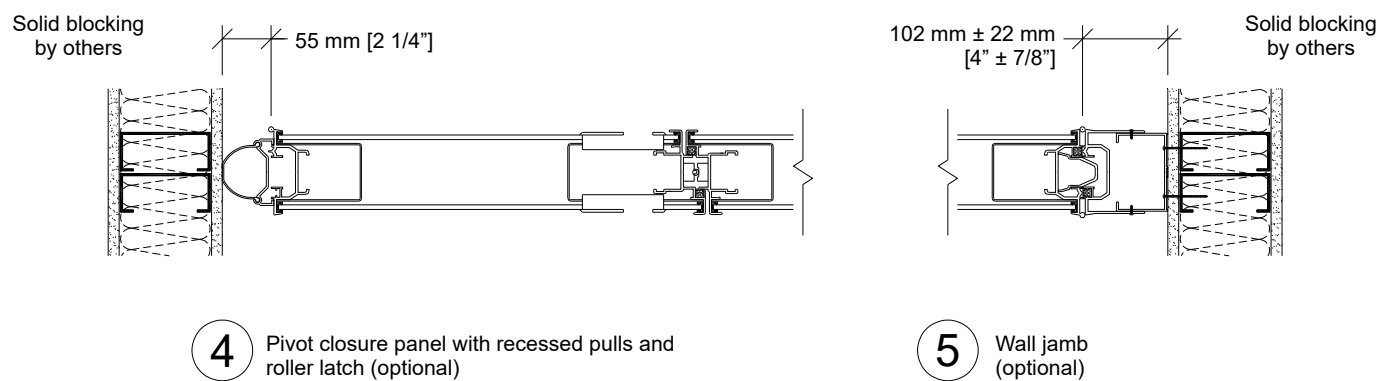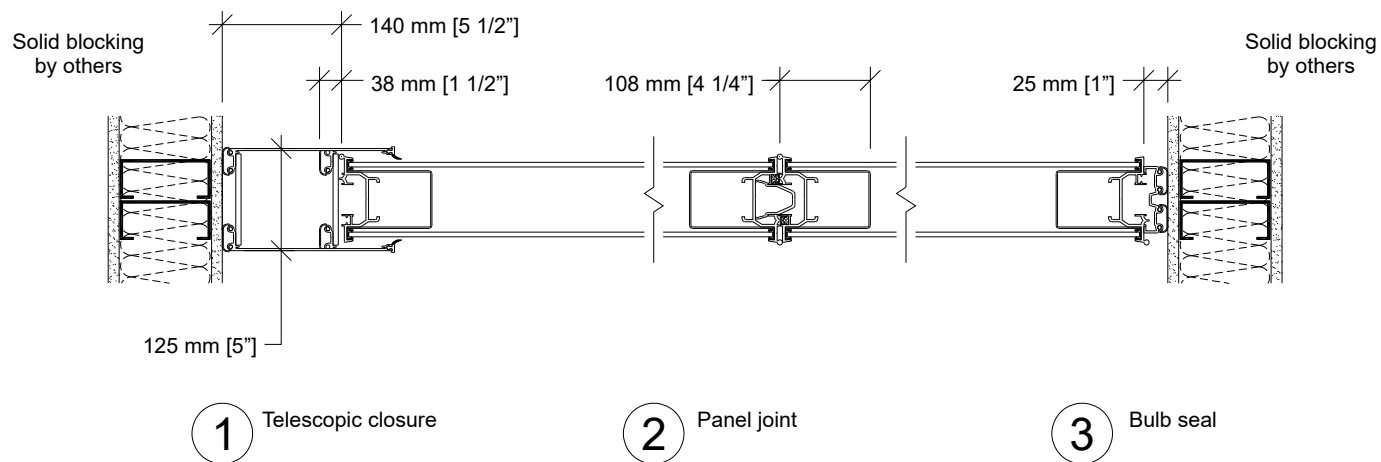
Stack depth
105 mm [4 1/8"] per panel

Telescopic closure panel

1

2

3

5

6

Telescopic closure panel

Stack depth
105 mm [4 1/8"] per panel + 102 mm [4"]

5

2

5

Pivot closure panel

Pivot closure panel

MODERCO

Horizontal Sections

Solid blocking by others

140 mm [5 1/2"]

38 mm [1 1/2"]

108 mm [4 1/4"]

25 mm [1"]

Solid blocking by others

125 mm [5"]

(1) Telescopic closure

(2) Panel joint

(3) Bulb seal

Solid blocking by others

55 mm [2 1/4"]

102 mm ± 22 mm [4" ± 7/8"]

Solid blocking by others

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

(5) Wall jamb (optional)

(6) End cap

Typical Layouts

Opening width

1/2 panel width
+ 102 mm [4"] MIN

1/2 panel width
+ 102 mm [4"] MIN

Stack depth
105 mm [4 1/8"] / pan.
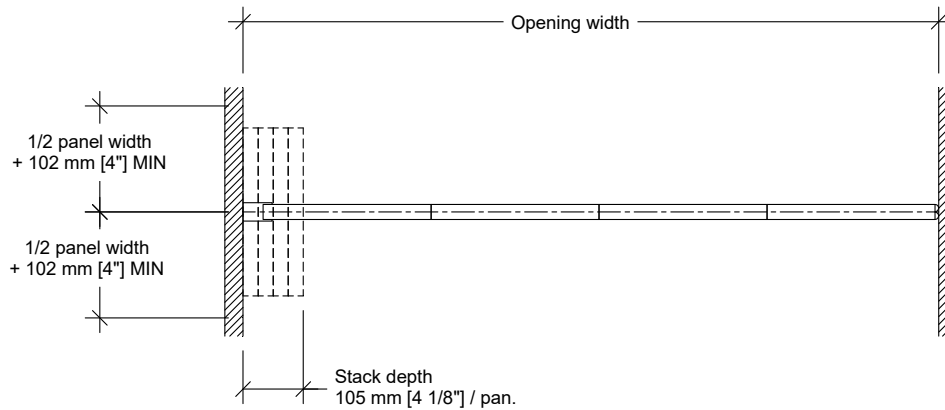
Wall to wall – telescopic closure

Opening width

Stack depth
105 mm [4 1/8"] / pan. + 102 mm [4"]

1/2 panel width
+ 102 mm [4"] MIN

Pivot panel width
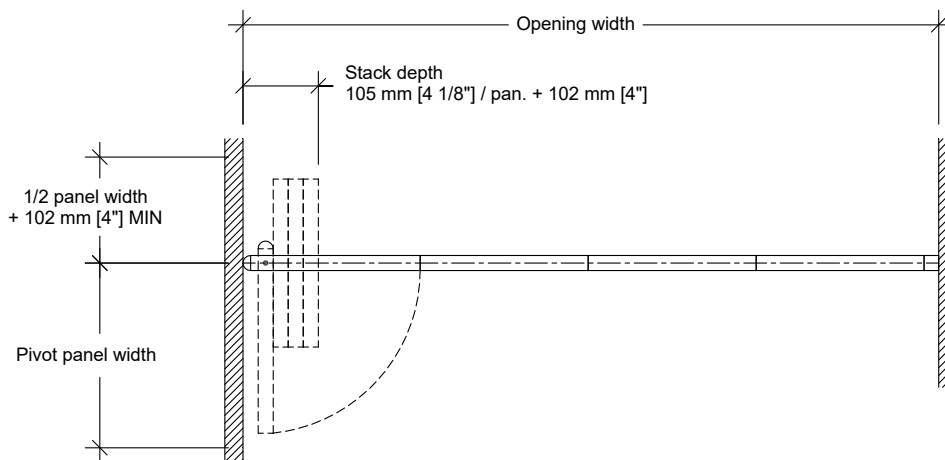
Wall to wall – pivot closure

Opening width

1/2 panel width
+ 102 mm [4"] MIN

1/2 panel width
+ 102 mm [4"] MIN

Stack depth
105 mm [4 1/8"] / pan.
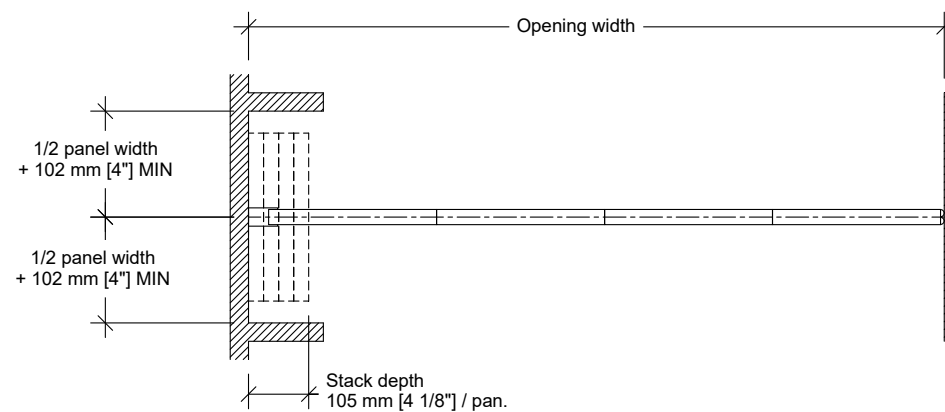
Pocket

Typical Layouts (cont'd)

Opening width

1/2 panel width
+ 165 mm [6 1/2"] MIN

1/2 panel width
+ 165 mm [6 1/2"] MIN

Pocket depth
105 mm [4 1/8"] / pan. + 204 mm [8"]
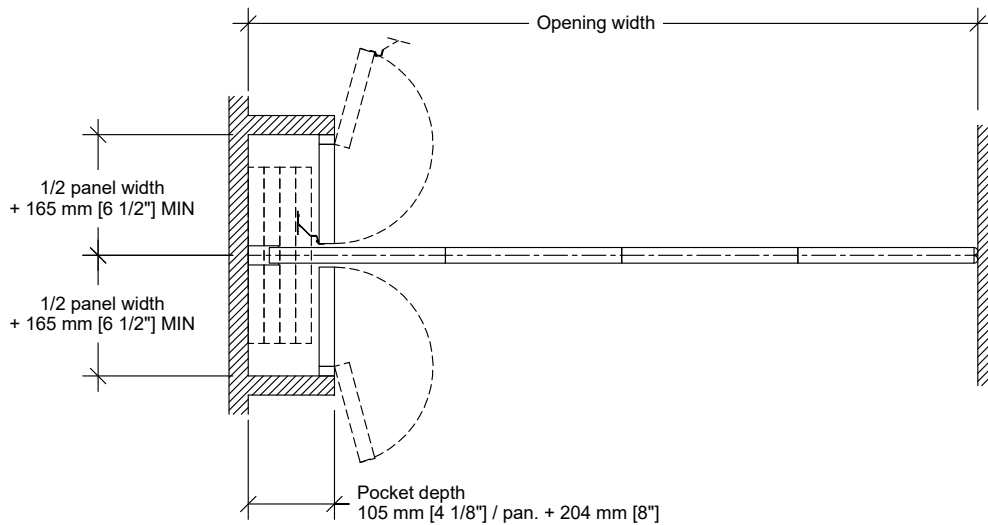
**Pocket and PN-83 non-acoustical pocket door
(partition seals to back of pocket)**

Pocket depth
105 mm [4 1/8"] / pan.
+ 204 mm [8"]

Opening width

1/2 panel width
+ 165 mm [6 1/2"] MIN

1/2 panel width
+ 165 mm [6 1/2"] MIN
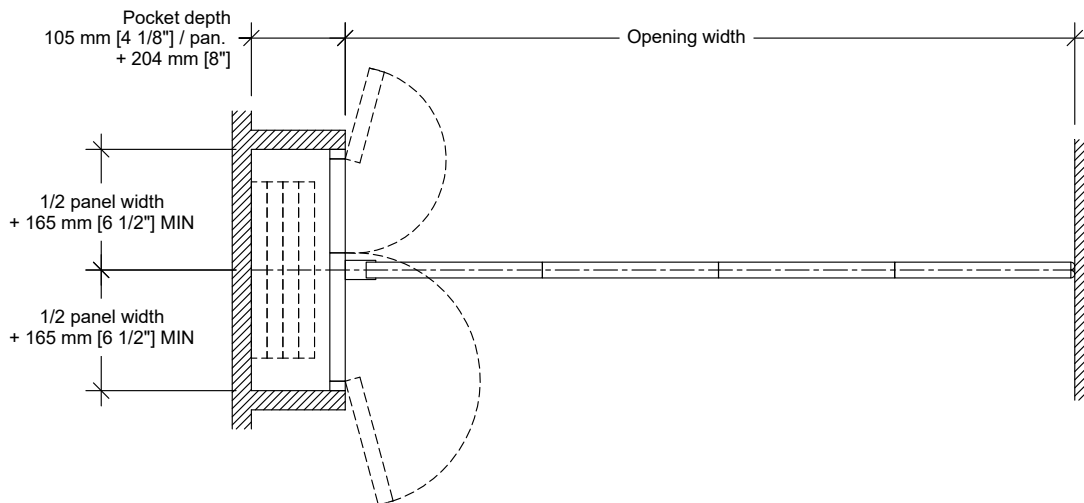
**Pocket and PA-82 acoustical pocket door
(partition seals to face of pocket door)**