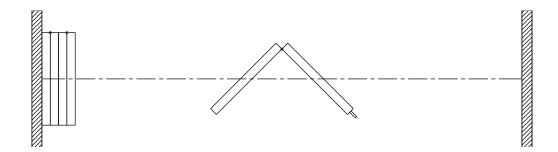


Technical Data Sheet Crystal 242



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
- 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.
- Glass finishes : stained, colored, acid washed, frosted,
 etc.
- Battery-powered electrically tilting blinds and 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)

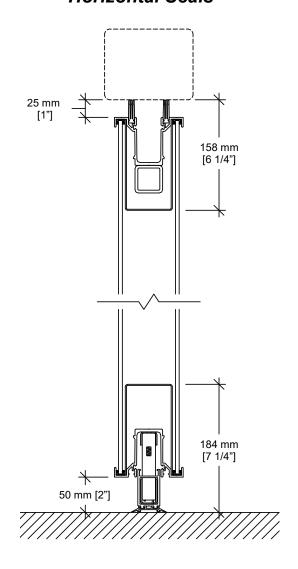
 ADA-compliant u-shaped pass door with flush pulls and roller latch.

Pass door options:

- concealed automatic closer
- panic bar
- panic bar with lockable lever
- self-luminescent exit sign with red (standard) or green (optional) faceplate *
- "running man" self-luminescent exit sign with green faceplate *
- deadbolt lock *

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

Horizontal Seals

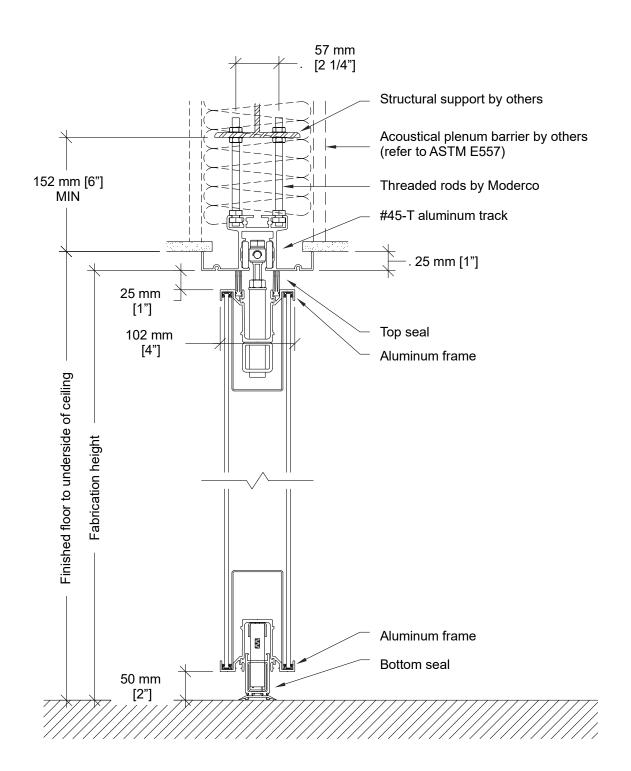


Type FA

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)

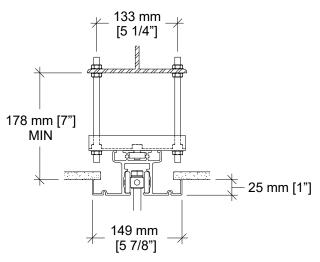


Vertical Section



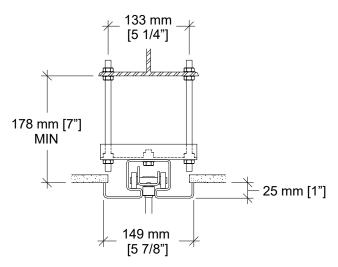


Track Options



Optional hanger bracket

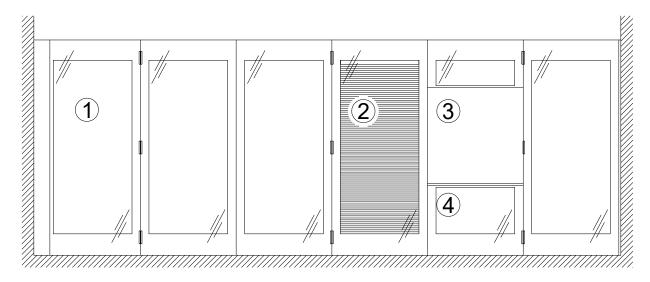
Required for installations where the topmost nuts cannot be used for adjustment.

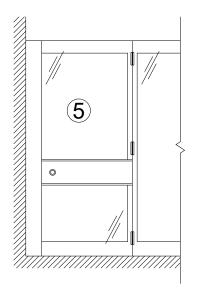


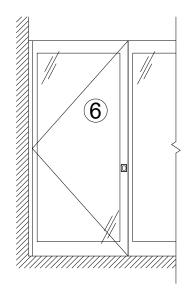
#72 steel track with hanger bracket

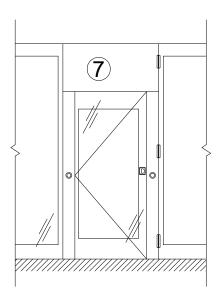


Elevation





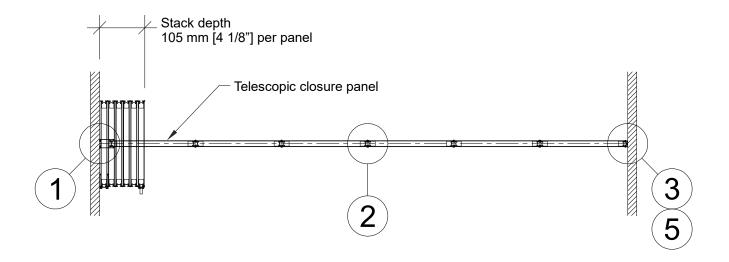




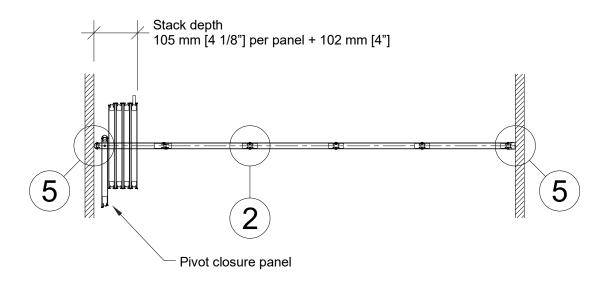
- 1- Telescopic closure panel
- 2- Electrically tilting blinds operated by remote control (optional)
- 3- Work surfaces (optional)
- 4- Marker tray (optional)
- 5- Telescopic closure panel with rack and pinion mechanism (optional)
- 6- Pivot panel (optional)
- 7- U-shaped pass door (optional)



Plan Views



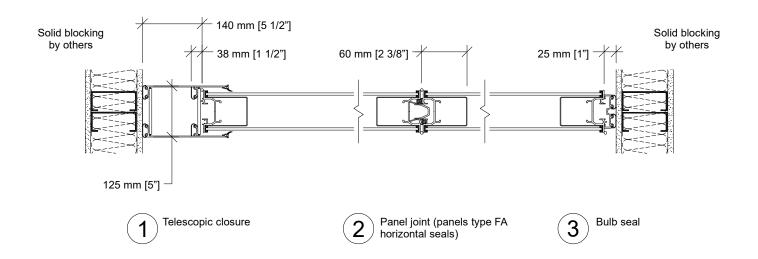
Telescopic closure panel

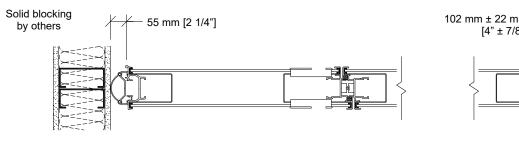


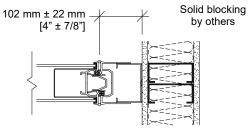
Pivot closure panel



Horizontal Sections





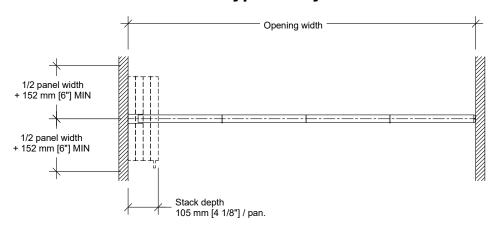


Pivot closure panel with recessed pulls and roller latch (optional)

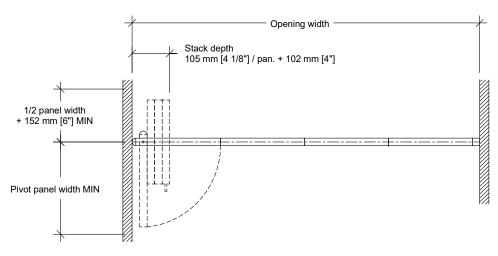
Wall jamb (optional)



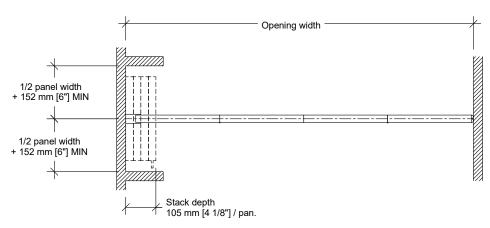
Typical Layouts



Wall to wall - telescopic closure



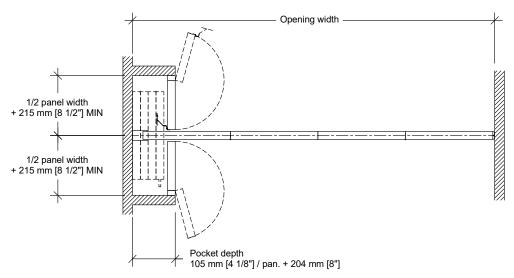
Wall to wall - pivot closure



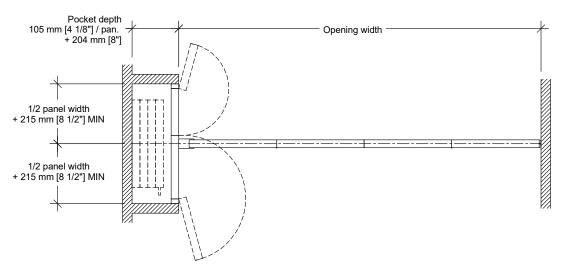
Pocket



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)