

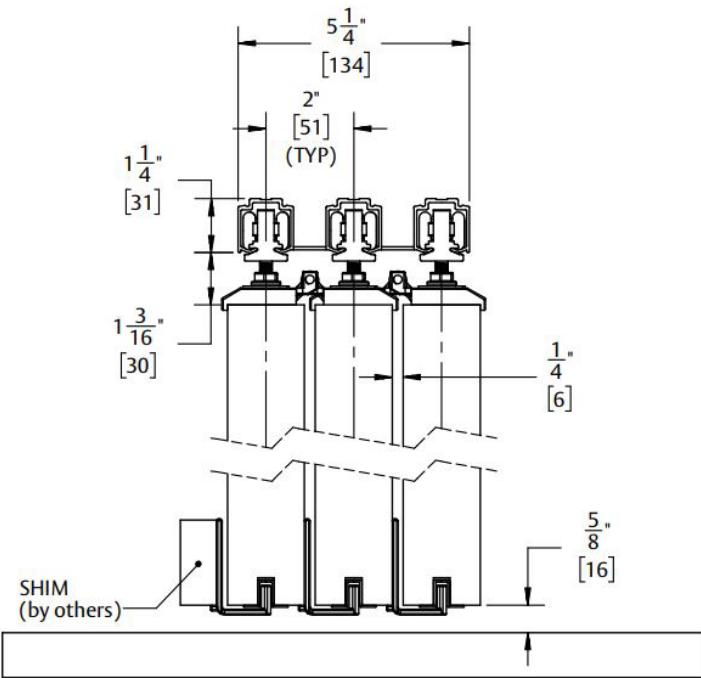
Architectural Door Accessories

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Opening Solutions

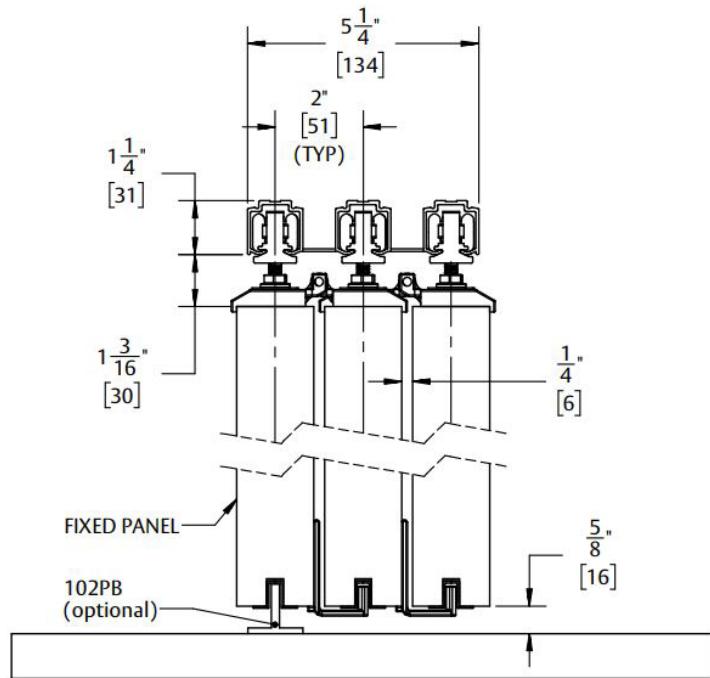
Pemko CAS200A-3 for Three Door System

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Sliding Panels - Up to 200 lbs each



Pocket
RH shown as reference



Cased Opening
RH shown as reference

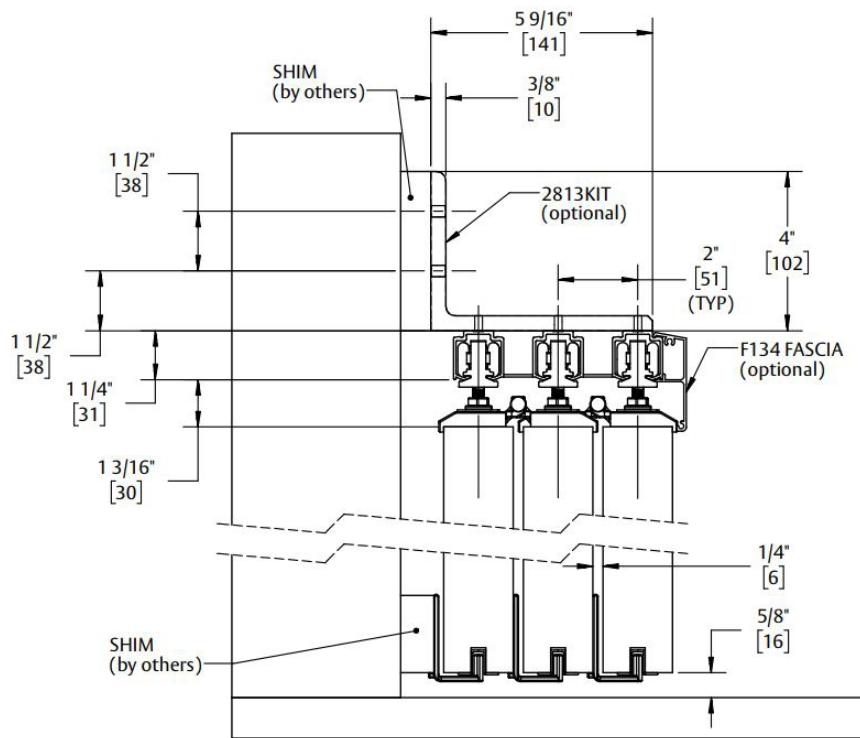
Before Installation:

WARNING: Must be installed into wall blocking. If you have questions about what type of wall blocking is required, consult a structural engineer.

Confirm panel preps include the mortise channel in center at bottom of each panel 3/8" x 5/8" for fitting EPD3BL Mortise Insert.

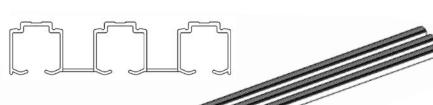
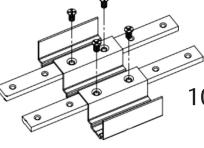
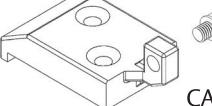
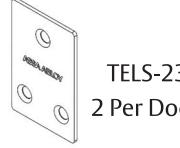
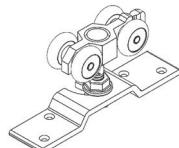
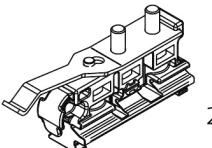
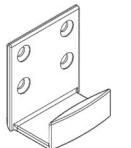
Verify panels are properly sized.

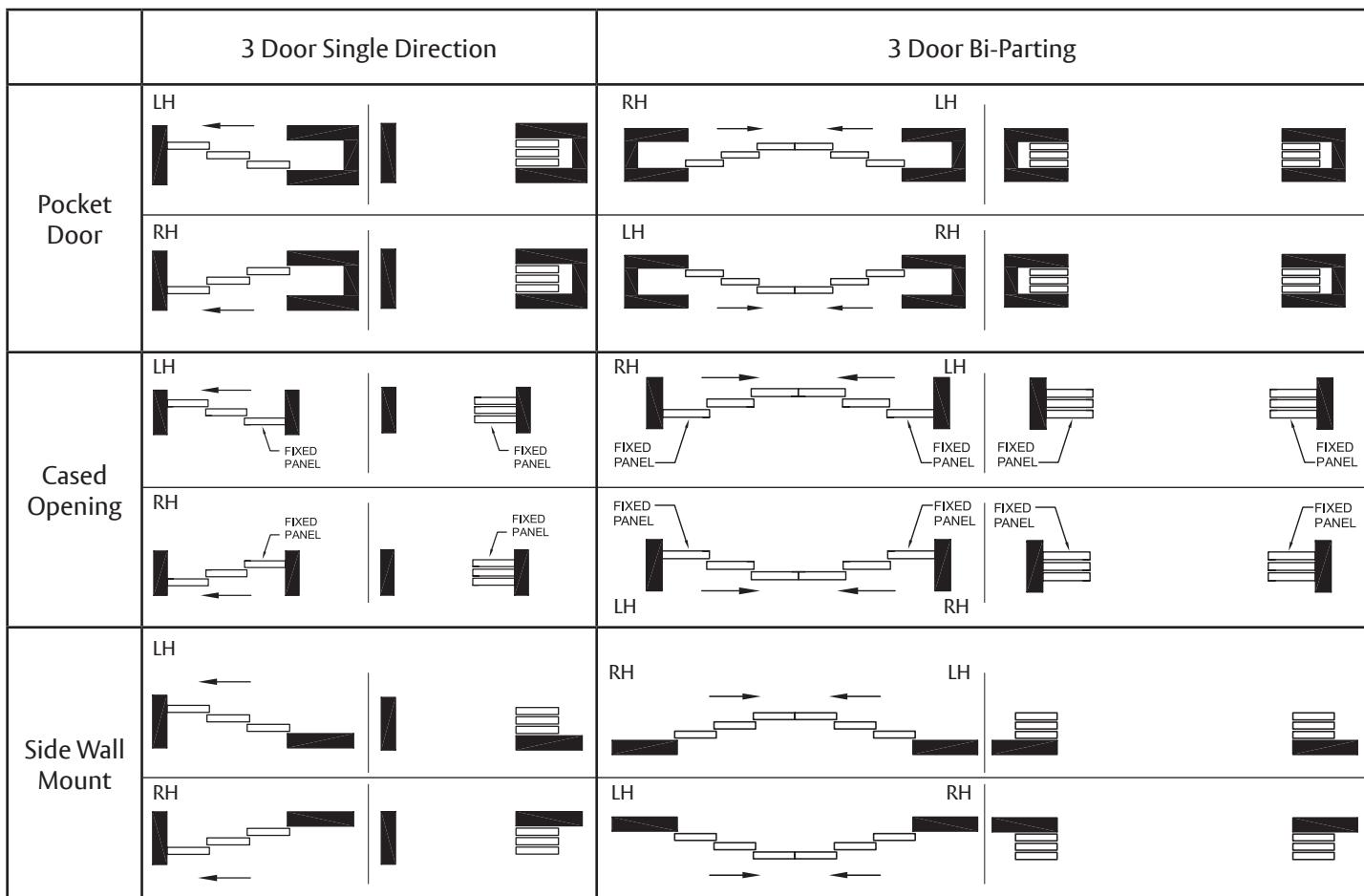
Check that all components are present in provided kit per components chart on next page.



Side Wall Mounted Track
RH shown as reference

Parts:

		
EPD3BL 1 Per Door	2803	102PB (optional) 1 Per Fixed/ Stationary Door
		
1076-3SPLKIT (optional)	CAS-05 2 Per Door	TELS-23 2 Per Door
		
H222R1 2 Per Door	601H 2 Per Door	DBG-02R1 1 Per Door
	Tools Required:	
WRENCH14 1 Per Kit	 Non Permanent Thread Locker	 Electric Drill with Clutch
	 Level - 8 ft.	 #2 Phillips Bit
		 1/8", 9/64" and 1/2" Drill Bits

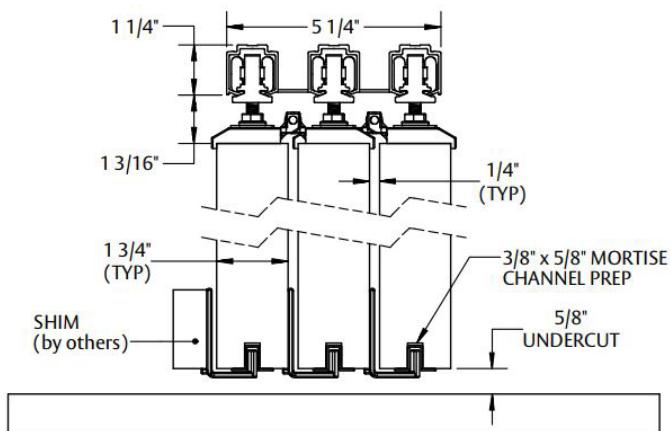


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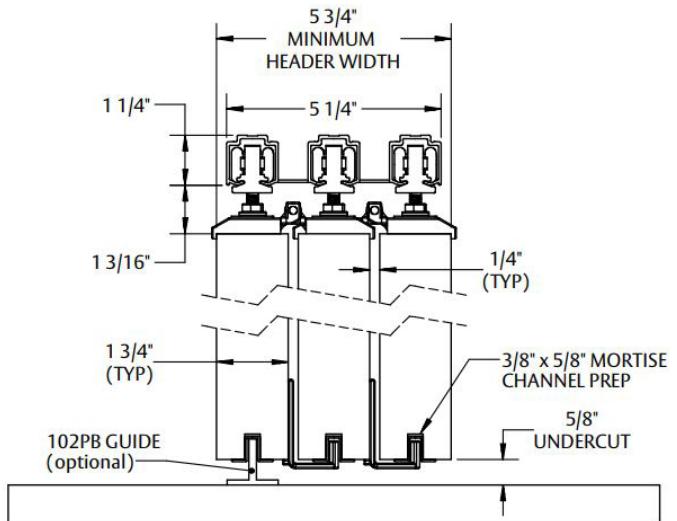
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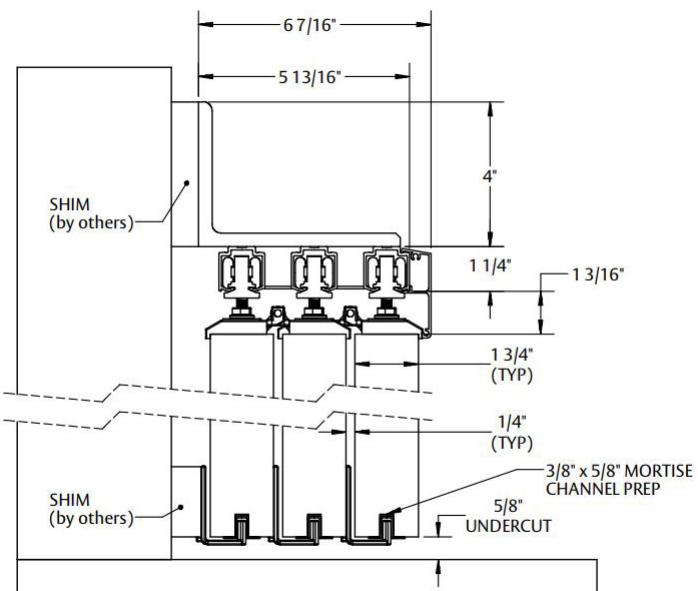
81055 07/20



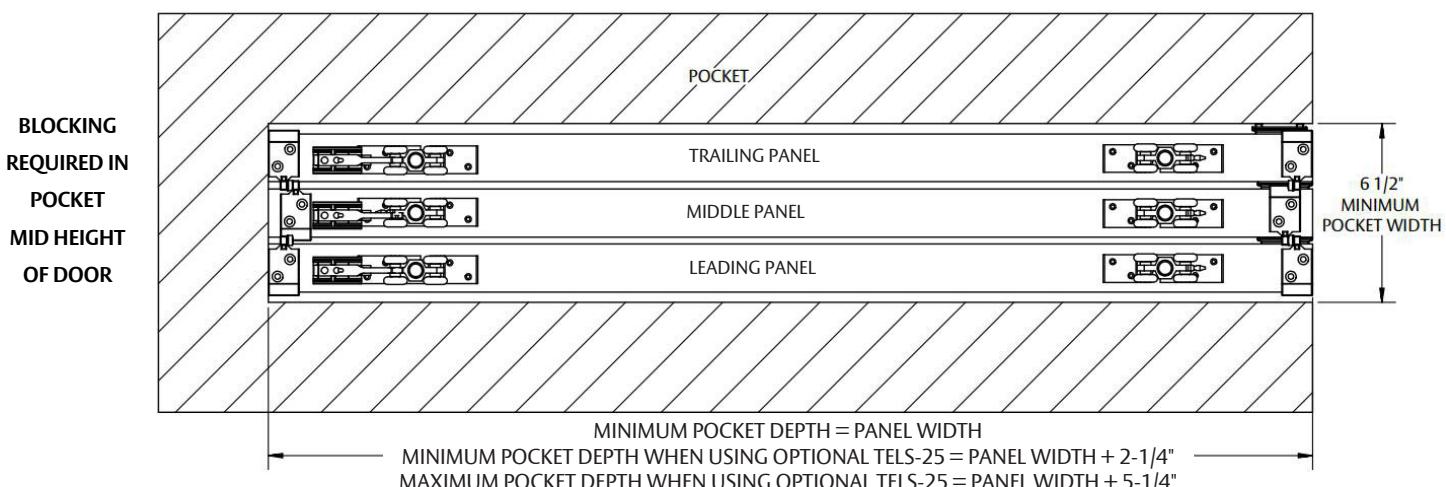
Pocket
RH shown as reference



Cased Opening
RH shown as reference



Side Wall Mounted Track
RH shown as reference



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1. Install Track

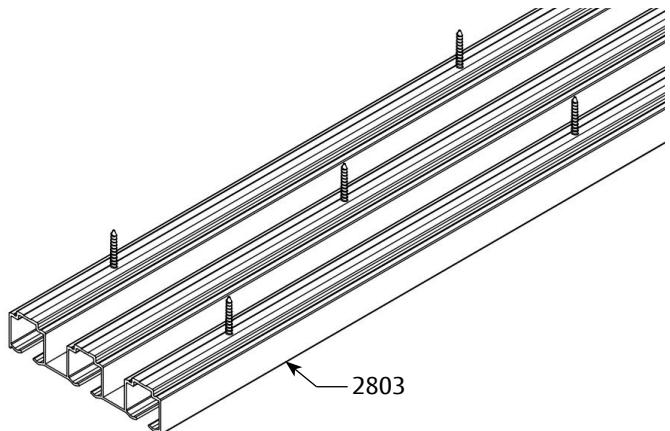
Overhead Mount:

If using optional Center Splice Bracket (1076-3SPLKIT) please refer to installation instructions included with part.

Install Triple Track (2803_) plumb and level with up to forty-five (45) #8 fasteners (not provided). Choose fasteners appropriate for header material and install on 12" spacing per pre-punched holes.

Each pre-drilled fastener hole from manufacturer should be utilized.

If using surface mounted finish hardware, it may be necessary to offset track on header for pocket clearance.

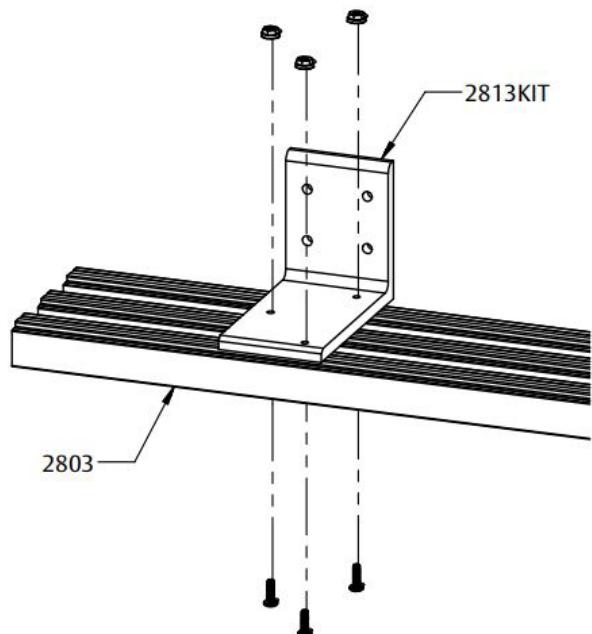


Side Wall Mount:

Attach Side Wall Mounting Brackets (2813KIT) to Triple Track (2803_) using #10 nuts and bolts (provided). Place one bracket at each end of track and no more than 12" in between.

If splicing two tracks together, Track Joining Bracket (2813-5KIT) can be used between two (2) pieces of track. (Optional)

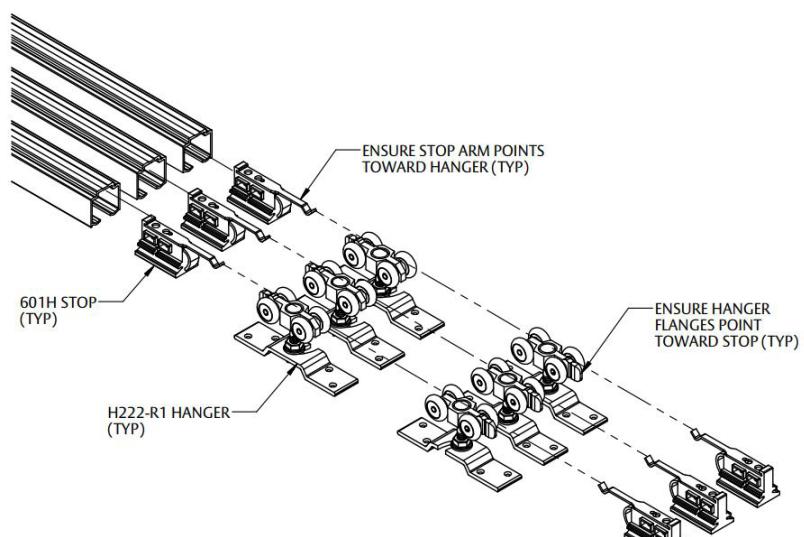
Install Triple Track (2803_) plumb and level with 1/4" x 2-1/2" lag screws (not provided).



2. Insert Hangers and Stops

Install track stops and hangers into track as shown.

Do NOT tighten stops into place yet.

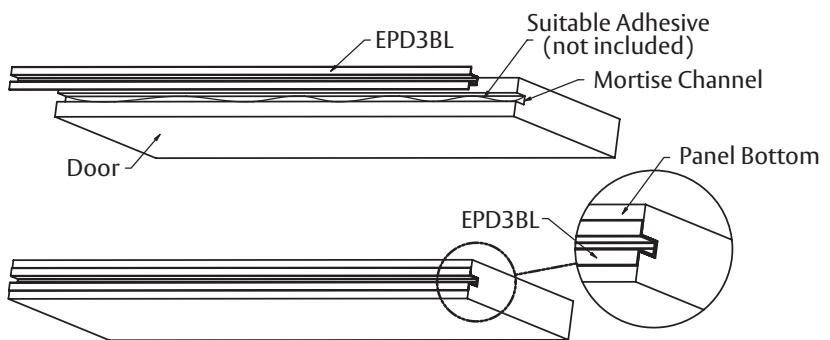


3. Install EPD3BL

Cut each EPD3BL to size to match panel width.

Using a suitable adhesive, apply a generous amount to top of mortise channel. Position EPD3BL into mortise channel making sure it does not extend past either edge of panel.

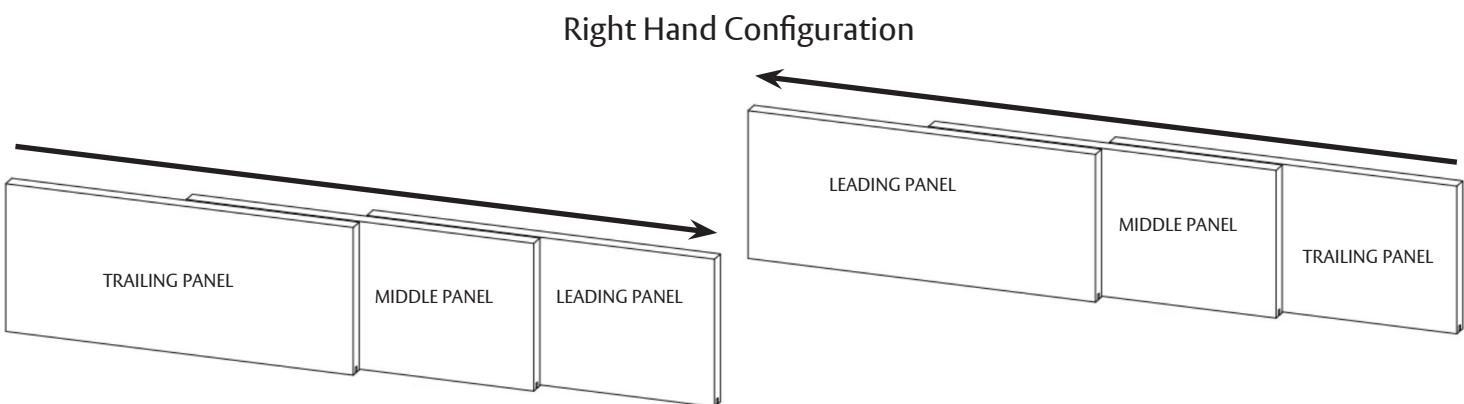
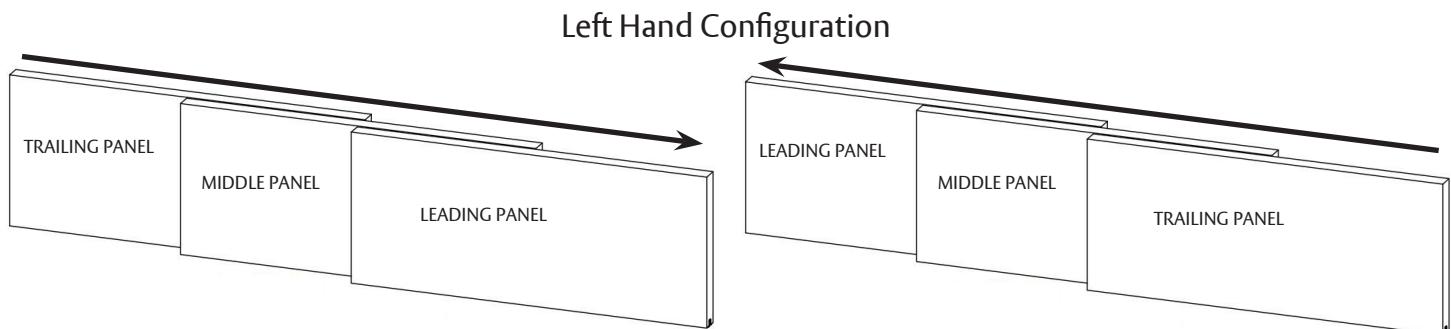
Nails, screws, staples or like items should not be used to secure EPD3BL to mortise channel since they are likely to impede motion of panels.



4. Identify Panels

Using handing diagram on page 2 and images below, identify Leading Panel, Middle Panel, and Trailing Panel.

Identify front face of each panel.



5a. Locate and Mark Centerlines

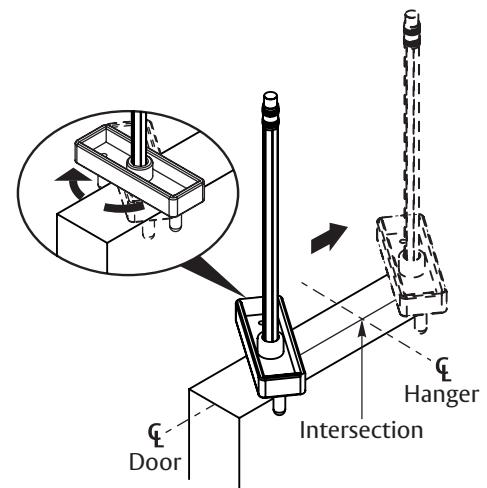
IMPORTANT: It is very important to locate centerline of door thickness so that hanger bracket is centered in door thickness when installed.

Locate and mark door centerline as shown for each door using CLF-01.

Make note of hanger centerline using chart. Mark hanger centerline as shown for each door.

Overlap	CL of Hanger
2" *	5"
3"	5"
4"	5"
5"	6"
6"	6"

* 2" minimum door overlap



5b. Determine Hanger Bracket Orientation

Place hanger brackets for leading door at intersections of centerlines with slots facing middle panel as shown. Using bracket as a template, mark mounting holes.

Place hanger brackets for middle door at intersections of centerlines with slots facing trailing panel as shown. Using bracket as a template, mark mounting holes.

Place hanger brackets for trailing door at intersections of centerlines with slots facing away from middle panel as shown. Using bracket as a template, mark mounting holes.

5c. Install Hanger Bracket

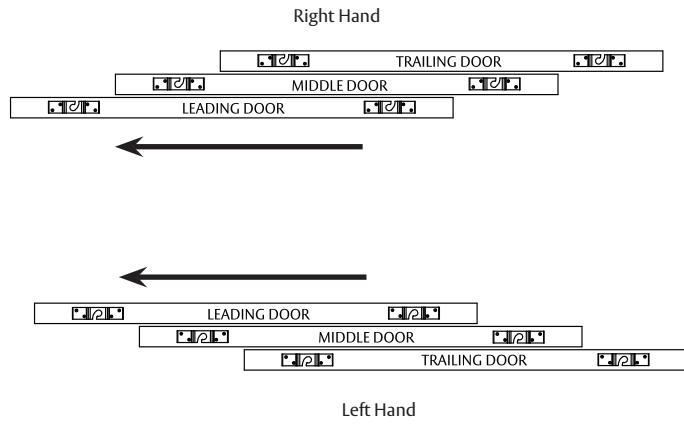
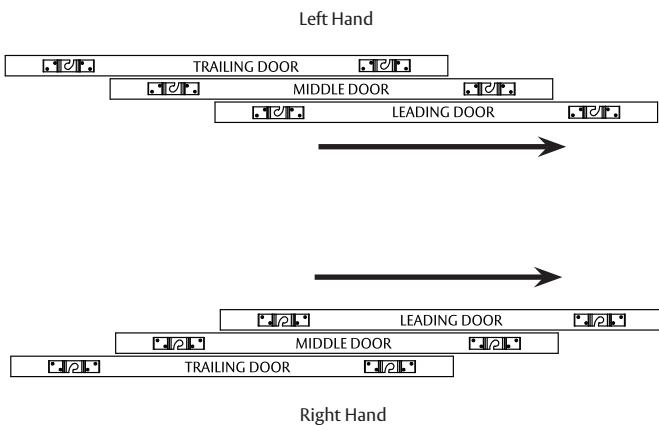
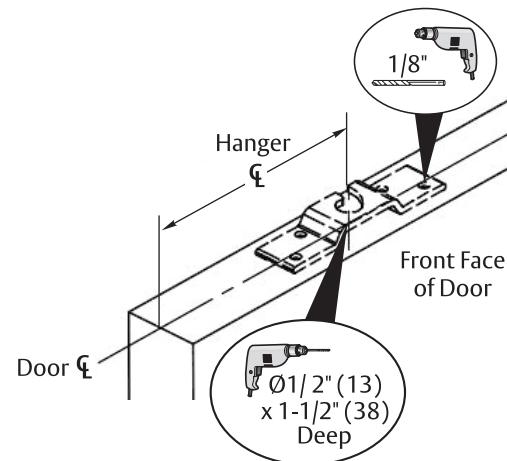
IMPORTANT: Location of 1/2" dia hole centered in door thickness is critical to proper door operation.

Drill 1/2" dia x 1-1/2" deep hole at intersection of centerlines for each panel as shown.

Note: Slot should line up with pre-drilled 1/2" diameter holes on top of panels.

Drill 1/8" pilot hole for each hanger mounting hole.

Install two (2) hanger brackets on each panel using four (4) #8 x 1-1/4" screws for each bracket (provided).



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6. Install Door Bottom Guide

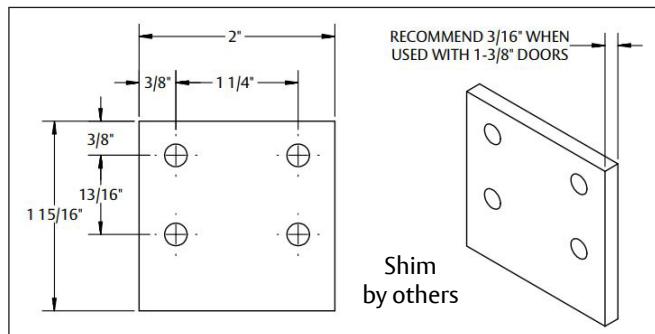
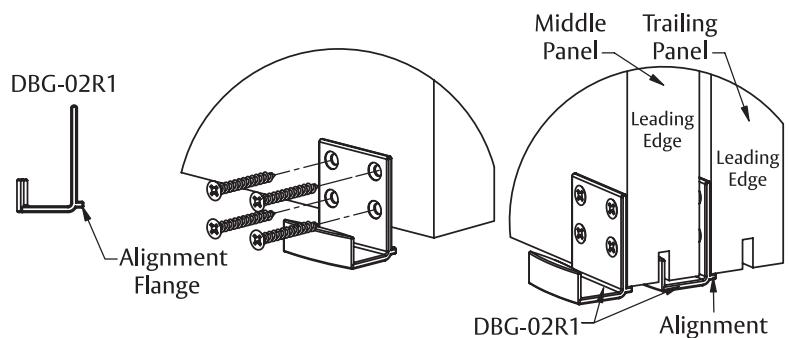
Position Door Bottom Guide (DBG-02R1) flush with leading edges of Middle Panel and Trailing Panel as shown.

Ensure DBG-02R1 on Trailing Panel faces Middle Panel. Ensure DBG-02R1 on Middle Panel faces Leading Panel.

Use alignment flange to ensure proper fit of DBG-02R1 to bottom of panel. Align edge of DBG-02R1 with vertical edge of panel. Insert shim by others between DBG-02R1 and door face for 1-3/8" thick doors.

Using mounting holes as a template, mark and drill four (4) mounting holes 1-1/4" deep using a 1/8" drill bit.

Use 1-1/2" wood screws (WS10150BL) to secure DBG-02R1 to face of Panel A and B.



7. Install CAS-05 Mechanical Catches

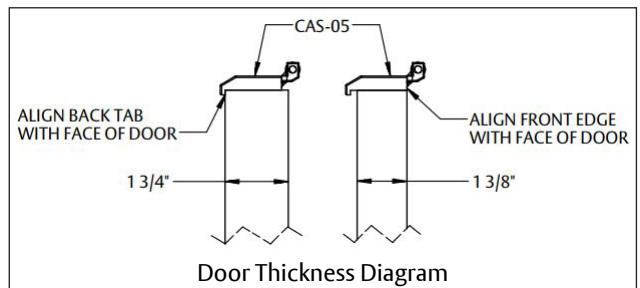
Refer to Door Thickness Diagram for CAS-05 orientation before installation.

For Middle Panel, position CAS-05 Catches using dimension "X" from chart. The paddles must face appropriate panel as shown on next page.

For Leading and Trailing Panels, position CAS-05 Catches using dimension "Y" from chart and with paddles facing Middle Panel as shown on next page.

Using CAS-05 as a template, mark and drill two (2) mounting holes 1-1/4" deep using a 1/8" drill bit. Use 1-1/2" wood screws (WS10150BL) to secure CAS-05 to top edge of door.

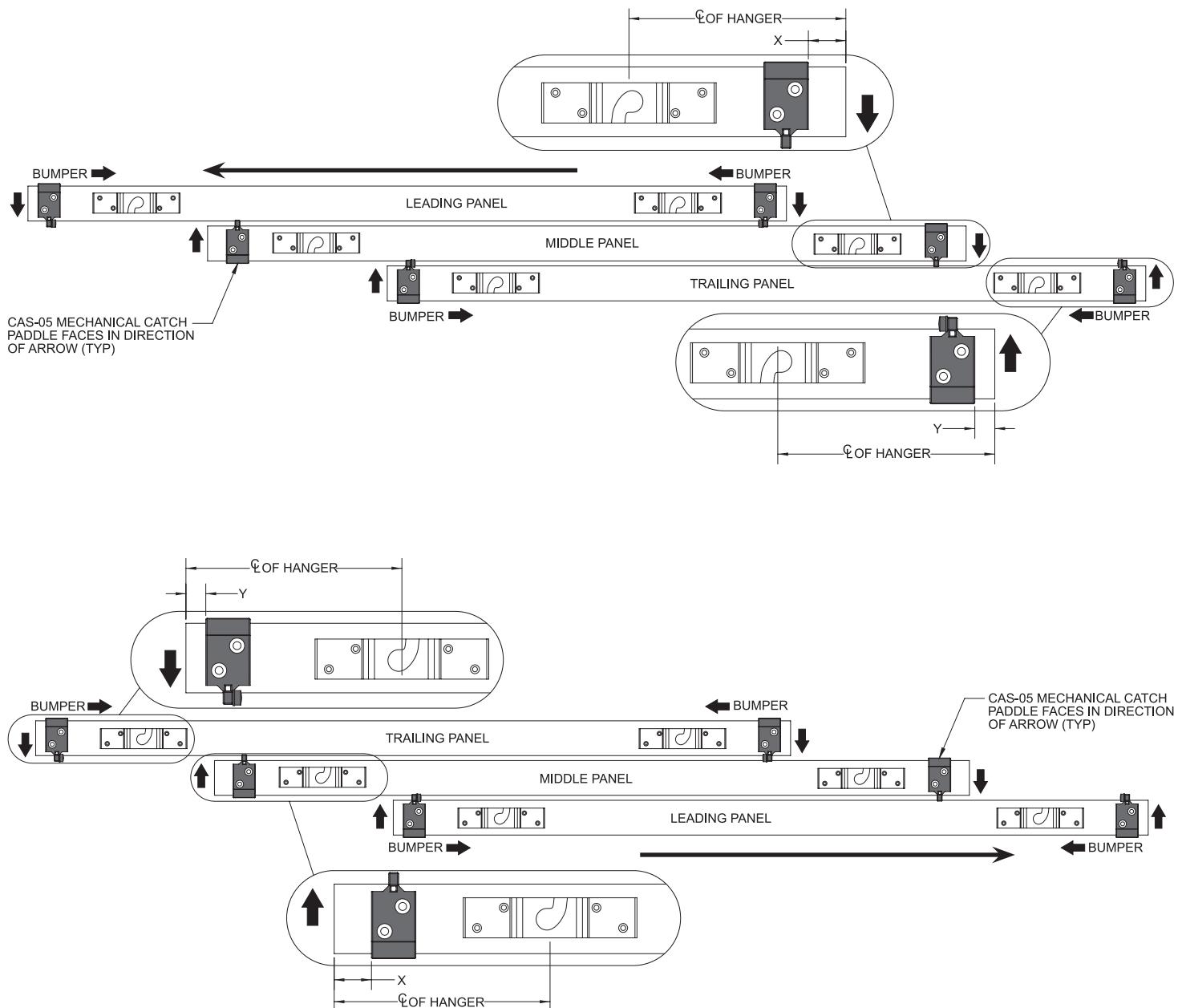
For Leading and Trailing Panels, thread a Bumper onto each CAS-05 Catch ensuring that bumpers face center of door as shown on next page. The Middle Panel will not receive any bumpers.



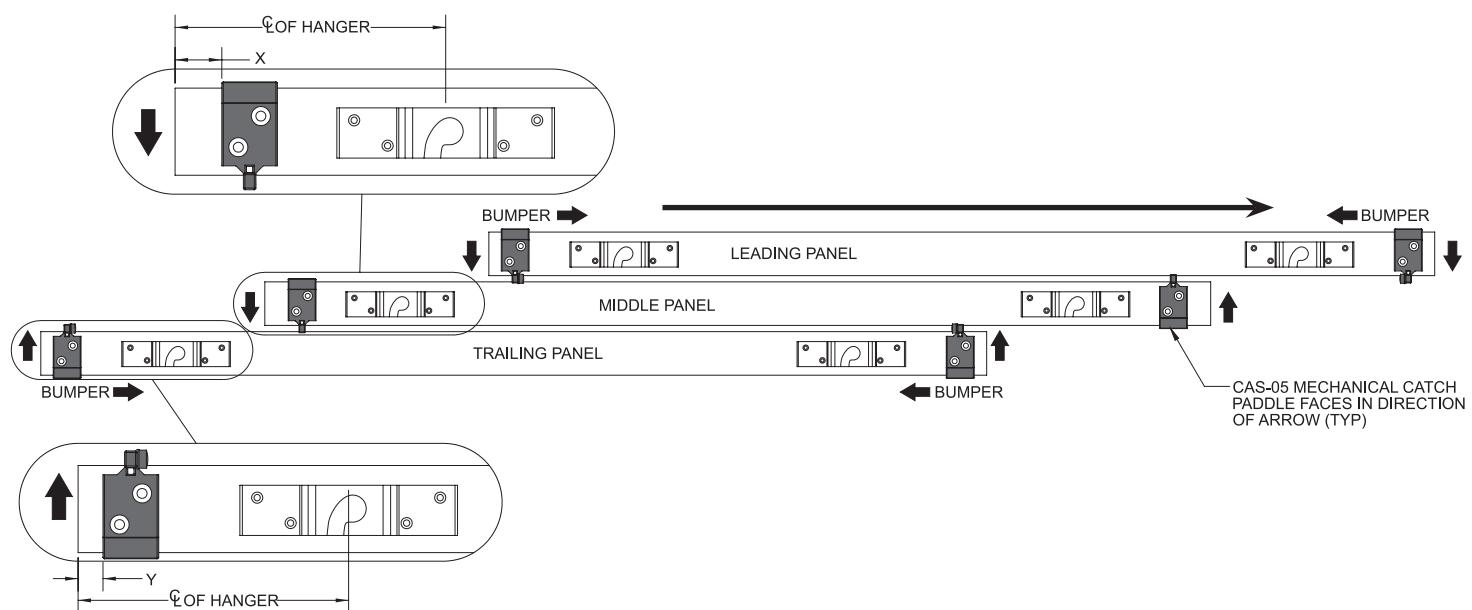
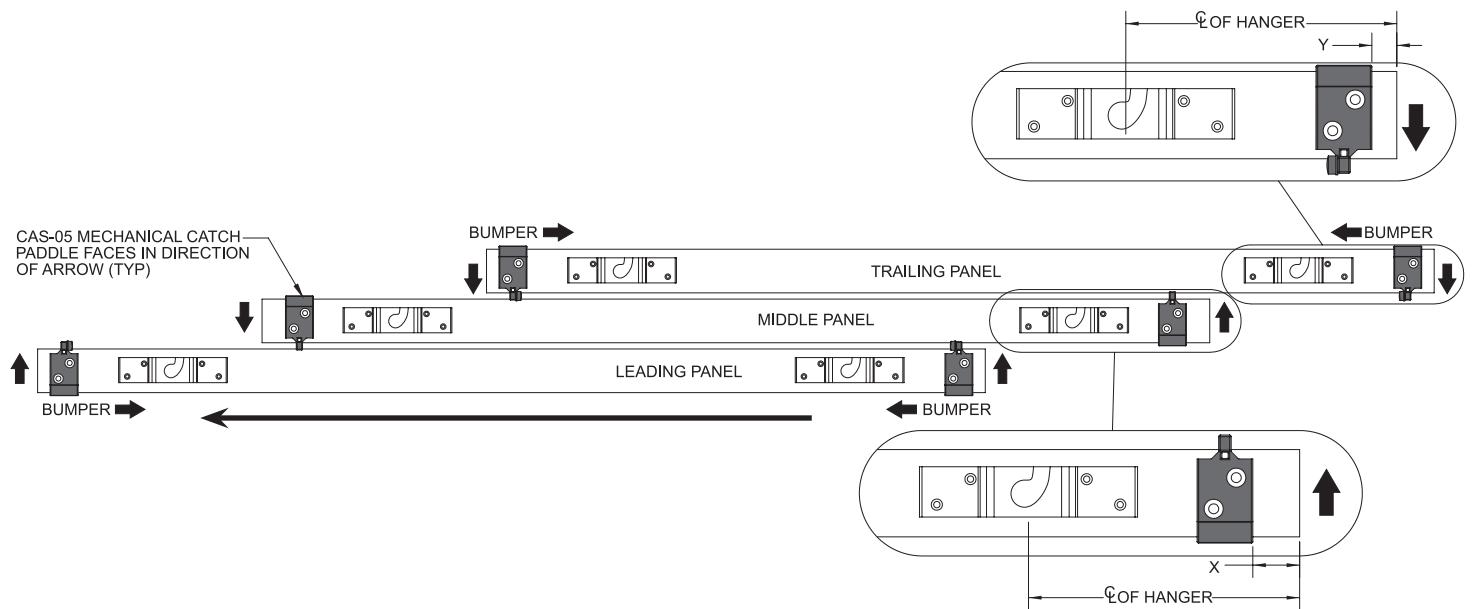
Overlap	CL of Hanger	X	Y
2"	5"	7/16"	0" *
3"	5"	15/16"	7/16"
4"	5"	1-7/16"	15/16"
5"	6"	1-15/16"	1-7/16"
6"	6"	2-7/16"	1-15/16"

* CAS-05 will be flush with edge of Front Panel and Back Panel for 2" door overlap

LH Configurations



RH Configuration

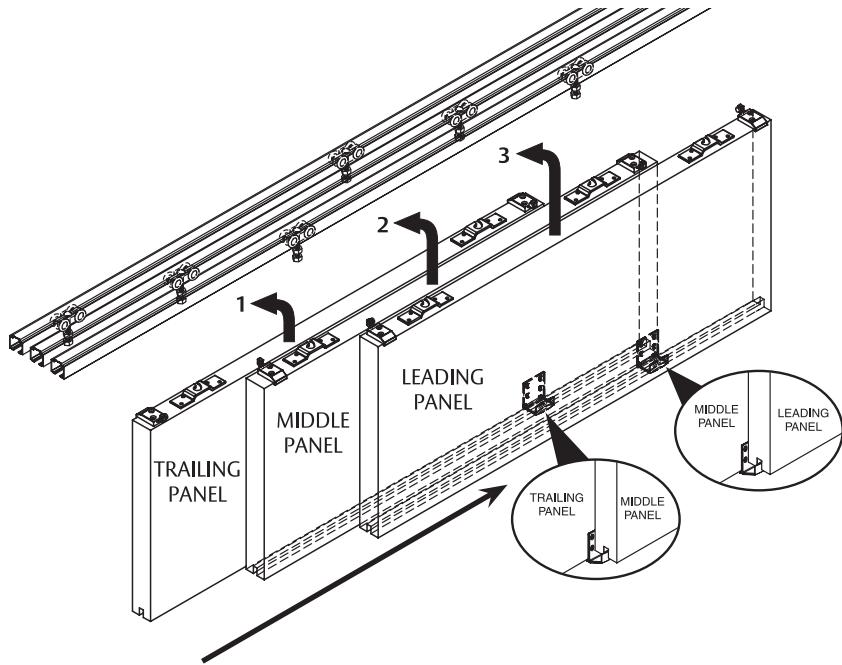


8. Hang Doors

Based on diagrams, identify and hang panel 1.

Stagger and overlap panels as shown to ensure proper functionality of CAS-05 Mechanical Catches.

Hang Panel 2 next and Panel 3 last by hooking door bottoms onto DBG-02R1 and then hooking hanger mounting brackets onto hanger bolts.



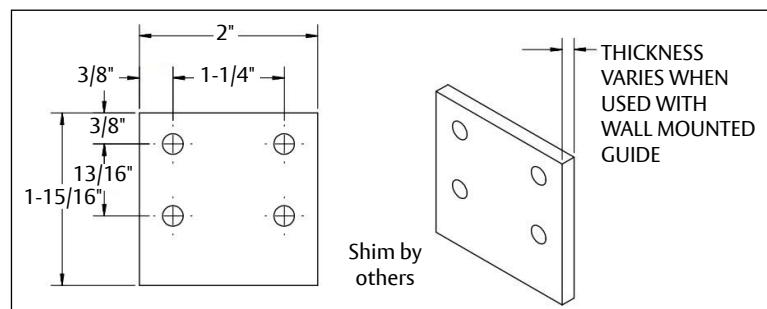
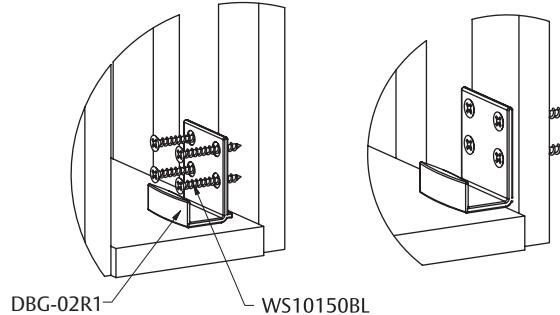
9. Install Trailing Panel Door Bottom Guide

Side Wall Mount and Pocket -Wall Mounted

Move doors entirely into opening and install Door Bottom Guide (DBG-02R1) to wall for Trailing Door.

Using Door Bottom Guide, mark and drill (4) mounting holes 1-1/4" deep using 5/32" drill bit.

Use 1-1/2" wood screws (WS10150BL) to secure DBG-02R1 to wall. Use shim (by others) as needed.

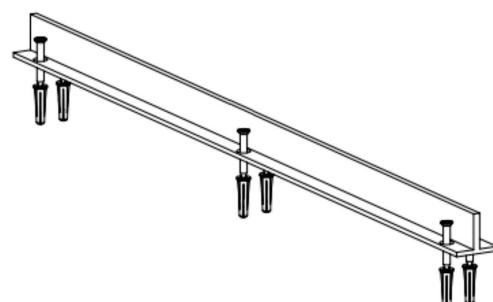


9A. Alternate Cased Open with Fixed Panel - Floor Mounted

Identify Fixed Panel and position it in its holding position.

Slide 102PB into mortise channel on bottom of door and mark its position.

Slide all doors into opening in order to fasten 102PB in its marked location. Use appropriate fasteners (by others).



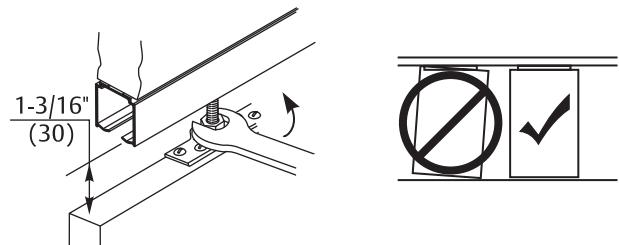
10. Adjust Hangers

Adjust each hanger until top of door is 1-3/16" from bottom of track as shown.

If doors are being lowered, begin with Trailing Panel, then Middle Panel, and Leading Panel.

If doors are being raised, begin with Leading Panel, then Middle Panel, and Trailing Panel.

Once final adjustments are made, add non-permanent threadlocker to hanger bolts and tighten all hanger lock nuts.

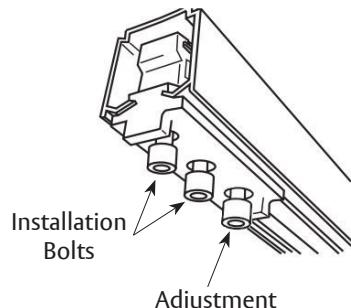


11A. Adjust Stops

Position Doors in open and closed position to determine location of in-track stops.

Tighten installation bolts to secure stop in track.

Tighten adjustment bolt to create tension between stop arm and hanger.



11B. Optional Pocket Stop Installation

If gypsum board is installed in pocket installation and there is no access to stops in pocket for tightening, use optional TELS-25 back pocket stop.

Drill 9/16" hole 3" deep in trailing edge of Trailing Panel, mid-height of door, centered in edge of panel as shown.

Attach threaded rod to TELS-25 and align with panel.

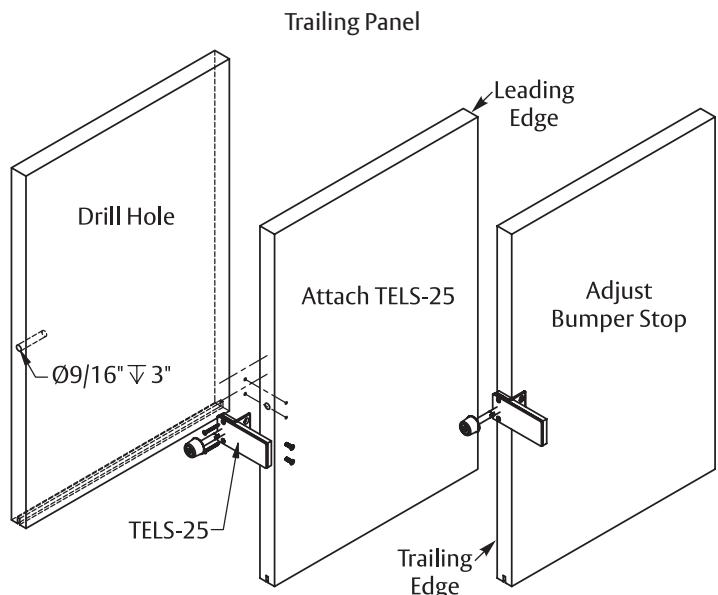
Using TELS-25 as a template, mark holes for two (2) 1-1/2" wood screws. Drill 5/32" x 1-1/4" pilot holes in trailing edge of door on Trailing Panel.

Using TELS-25 as a template, mark for thru-bolts. Drill two (2) 3/8" through holes on face of Trailing Panel as shown.

Attach #1/4-20 flathead screws through TELS-25 and into thru-bolt.

Adjust bumper stop according to pocket depth and secure with nut.

Please note: Blocking may be required in pocket when using optional TELS-25 Back Stop.



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12. Install Door Bottom End Plates

Position Door Bottom End Plates (TELS-23) on leading and trailing edge of panels as shown. Make sure they are centered in panel thickness and flush with bottom edge of panel.

Using end plate as a template, mark and drill three (3) mounting holes 1-1/4" deep using a 5/32" drill bit.

Install each end plate using three (3) 1-1/2" wood screws.

