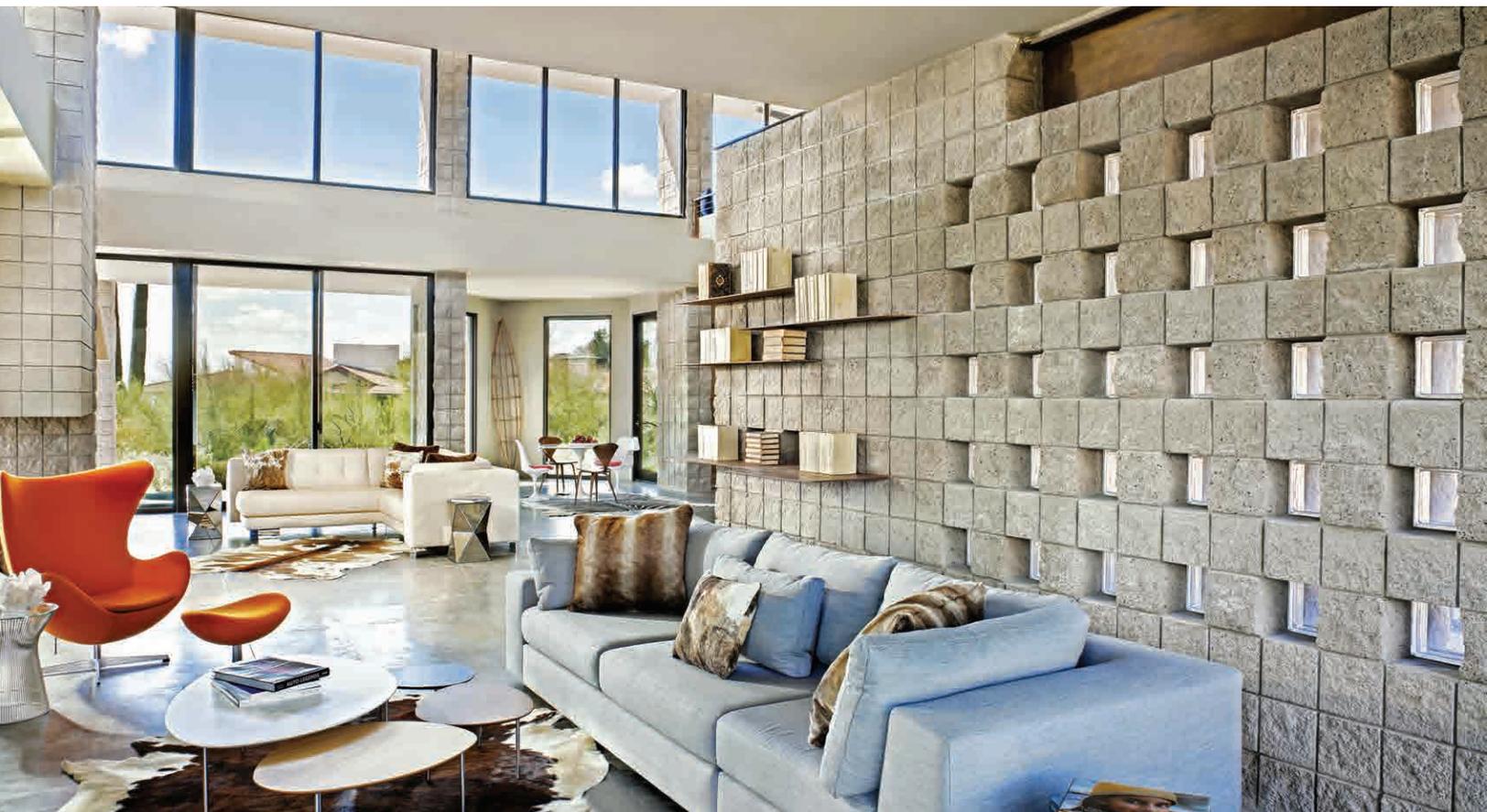


series 600 sliding glass door



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installation instructions





installation instructions

follow instructions pertaining to configuration you are installing.

Configurations: XO, OX OR OXXO .1-11 OXOL OR OXOR.1-11 & A XOO OR OOX.1-11 & B

Note: For ease of installation, production labels will be marked fixed (F) and vent (V).

1. Check rough opening to verify that it's plumb, level, and approximately 1/2" wider and 1/4" taller than the net frame size.
2. Assemble the members of the main frame on the floor. Protect to avoid damaging finish. Use #8 x 1 1/4" pan-head screws (#8 X 3/4" if stainless steel) as shown in drawing #1. If frame has an optional nail fin, apply and seal the corner bridges that have been provided. Install the dust cover over the lock strike with double-sided tape (drawing #1).
3. Underneath the threshold, apply a full bead of quality sealant where the jamb and threshold meet. From the topside of the threshold, seal the vertical joint where the interior leg of the threshold meets the jamb at 90 degrees. Tool the sealant into both areas to ensure the seal is complete.
4. After dry fitting the frame, clean floor and apply a heavy bed of sealant from jamb to jamb on the interior side of the installation holes. At jambs, the sealant should run vertical (approximately 2") on the wall (**drawing #1**). **This is the most critical area to be sealed to assure a watertight installation.**
5. Center frame in opening and temporarily shim jambs. If the floor is not level, shim threshold as required.
6. If the floor is concrete, drill through the threshold's countersunk holes with a 1/4" masonry drill and insert plastic expanding anchors. Secure the threshold using #10 x 2 1/2" flat-head screws into anchors. If the floor is wood, proper flashing must be installed prior to door installation. Where the screws penetrate flashing, pump sealant into holes prior to inserting screws to ensure a proper seal.
7. Plumb and square jambs using shims just above each anchor hole. In anchors or wood framing, secure jambs with #10 x 2 1/2" flat-head screws. **If the Type 1 frame with integral nail fins is used, apply corner bridges (supplied) then seal completely from the exterior side.**
8. Insert the operating panel into head channel and lower onto threshold. Locate roller adjustment holes in the bottom of lock and interlock stiles. Use a Phillips screwdriver to adjust each roller to accomplish a panel height of 5/16" between the vent bottom rail and the threshold. Make sure the lock stile is parallel to the jamb. Lift weight off rollers as you adjust.
9. Attach L-clip to bottom of panel by inserting short leg of angle up into interlock stile. Secure with #8 x 1/2" self-tapping screw.
10. Insert fixed panel into head channel and lower onto threshold. With operating panel slightly open, use the ball of your foot to slide the fixed panel toward the jamb and seat in jamb channel. Close and lock the operating panel. Fixed and vent interlock stiles should engage and line up. If they do not, ensure frame and panels are plumb and square and that the fixed panel is fully seated in the jamb channel.
11. Using the hole in the fixed panel L-clip as a guide, drill a 1/4" hole through the threshold and into floor as required. Anchor using a #10 x 2" pan-head screw as shown in drawing #3. Adjust head so that it's parallel with the threshold. Position the top clip into the header. Attach with (supplied) #10 x 2" screw in head and two #8 x 1/2" screws in the fixed panel, using the pre-drilled holes as a guide.
12. From the interior, install one #8 x 1/2" self-tapping screw through the fixed jamb leg and into the fixed panel stile approximately 41.00" up from floor. This screw secures the fixed panel from being removed from the outside. Install bumper stop into the head at fixed jamb.

installation instructions

frame installation continued

13. Install the handle set (drawing #2). Depress the button on the face of the lock and actuate the thumb turn to close the lock mechanism. Slide the vent panel close enough to the strike to confirm that it's in the correct position. Adjust as required and drill a 9/64 pilot hole through the dust cover. Install the #10 x 2 1/2" FHPH screw in the center hole in the structure. The center screw in the lock mechanism will allow the hooks to be adjusted in or out.
14. Seal the perimeter of the doorframe to the structure with a quality construction sealant.

Door installation is complete.

A ▶ OXOL and OXOR doors only

1. Insert the dead-lite panel (a panel with no interlocking stiles) into head channel and lower onto threshold.
2. Using the ball of your foot, slide panel toward jamb and seat into jamb channel.
3. Install false jamb member into frame by placing the top end into the head channel and against the dead-lite panel with the bottom end angled away from the panel.
4. Push up slightly to raise the door head. Avoid scratching the threshold when moving the bottom end toward the panel.
5. Using the hole in the bottom of the false jamb clip as a guide, drill a 1/4" hole through the threshold and into floor as required.
6. Anchor the threshold using a #10 x 2" pan-head screw (drawing #4).

Shim the door head directly above the false jamb until parallel with threshold.
7. Using the top clip as a guide, drill a 1/4" hole through the head and anchor to the structure with a #10 x 2" pan-head screw.
8. Anchor the false jamb to the dead-lite panel using two #8 x 1/2" self-tapping screws -- one inside and one outside -- through the false jamb leg and into the dead-lite panel stile approximately 41.00" up from floor.
9. At the false jamb and sill on the fixed side, place the 2" x 1 3/4" channel between the fixed panel and interior log of the threshold. Fasten by sealing the top side to the false jamb.

installation instructions

B ▶ XOO and OOX doors only

1. Insert the dead-lite panel (a panel with no interlocking stiles) into head channel and lower onto threshold.
2. Using the ball of your foot, slide panel toward jamb and seat into jamb channel.
3. Install false jamb member into frame by placing the top end into the head channel and against the dead-lite panel with the bottom end angled away from the panel.
4. Push up slightly to raise the door head. Avoid scratching the threshold when moving the bottom end toward the panel.
5. Using the hole in the bottom of the false jamb clip as a guide, drill a 1/4" hole through the threshold and into floor as required.
6. Anchor the threshold using a #10 x 2" pan-head screw (drawing #4).
7. Shim the door head directly above the false jamb until parallel with threshold.
8. Using the top clip as a guide, drill a 1/4" hole through the head and anchor to the structure with a #10 x 2" pan-head screw.
9. Anchor the false jamb to the dead-lite panel using two #8 x 1/2" self-tapping screws -- one inside and one outside -- through the false jamb leg and into the dead-lite panel stile approximately 41.00" up from floor (drawing #3).
10. Attach L-clip to the bottom of panel by inserting short leg of angle up and into the interlock stile. Secure with #8 x 1/2" self-tapping screw.
11. Using the ball of your foot, slowly slide the fixed panel towards the dead-lite panel until it seats into the exterior part of the false jamb.
12. Position top clip into header and attach with (supplied) #8 x 1/2" self-tapping screw into the head and fixed panel using the pre-drilled holes as guides.
13. From the interior, install one #8 x 1/2" self-tapping screw through the fixed jamb leg into dead-lite panel stile approximately 41.00" from floor. This screw secures the fixed panel.
14. Install door stops at the threshold and head (drawing #6). Position to stop sliding panel 1" before exterior handle contacts fixed panel interlocker.



installation instructions

screen installation

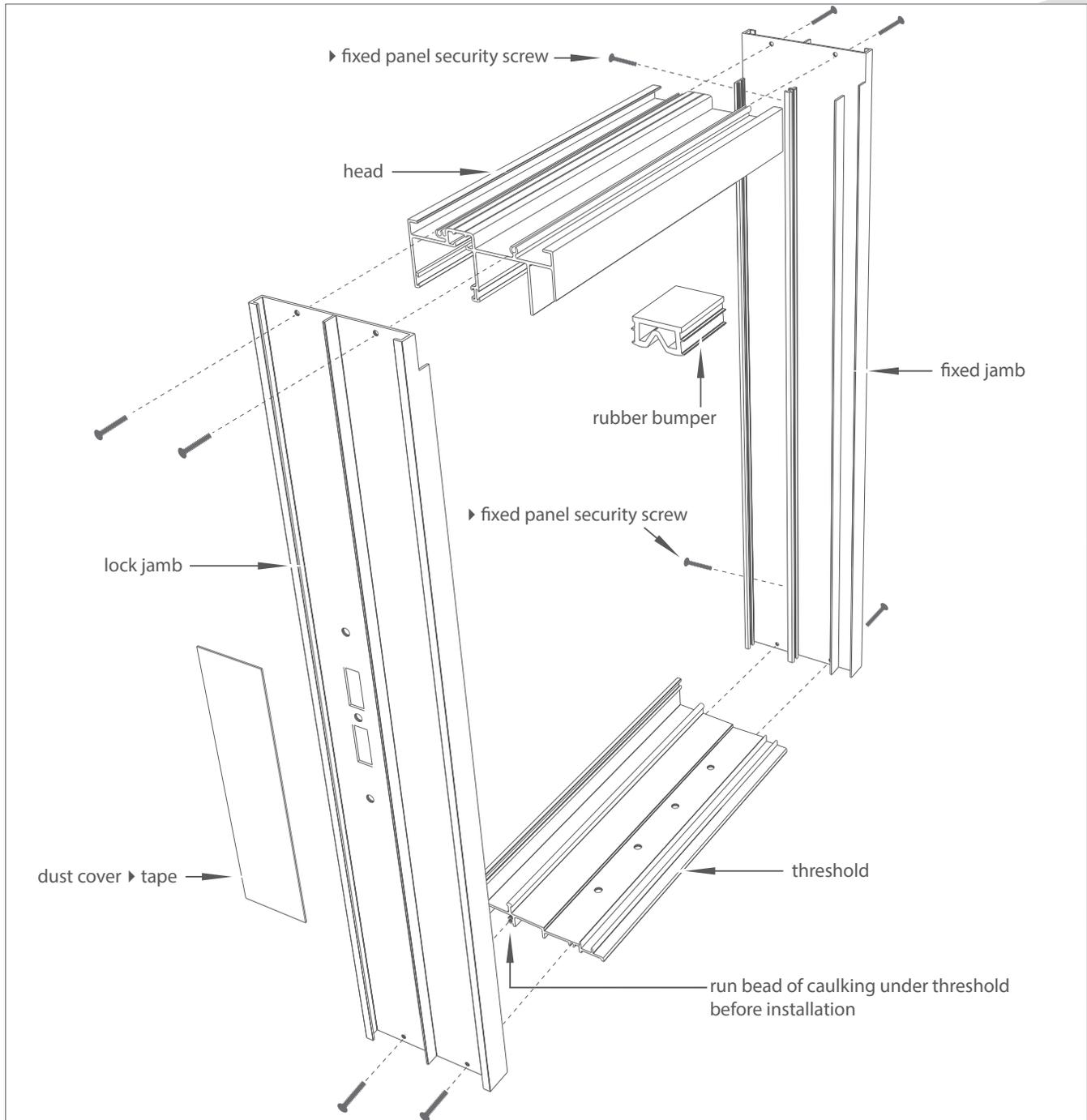
1. Position screen in front of the door opening and on the outside of the building with flat side toward the door and screen lock stile at door lock jamb.
2. Trim the vinyl bug strip (do not stretch) flush with the top and bottom edge of the screen frame.
3. Lift the screen and insert the top edge into the outer track of the door head channel. Move the bottom toward the threshold until the rollers contact the roller track. Using a small flat pry bar, lift rollers, one at a time, onto the track.
4. Using a Phillips screwdriver, adjust two bottom rollers so the screen lock stile is parallel with the doorjamb. When adjustments are complete, the clearance between the screen's bottom rail and the threshold should be approximately 3/16" and there should be a minimum of vertical movement when you attempt to move screen up and down.
5. Using the screws provided, install screen strike onto door jamb at proper height to receive lock hook.

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drawing #1

frame assembly

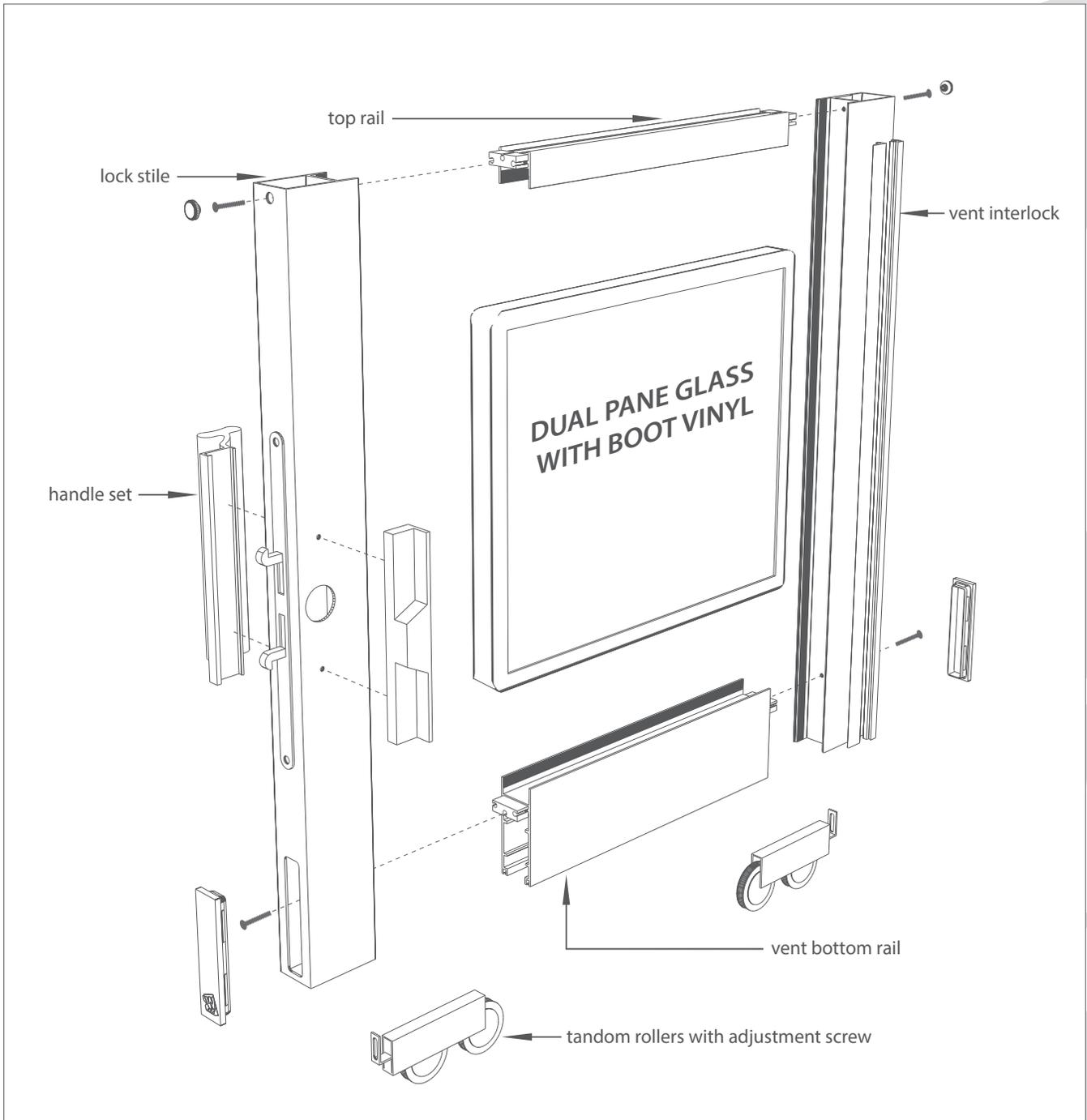


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drawing #2

vent panel assembly

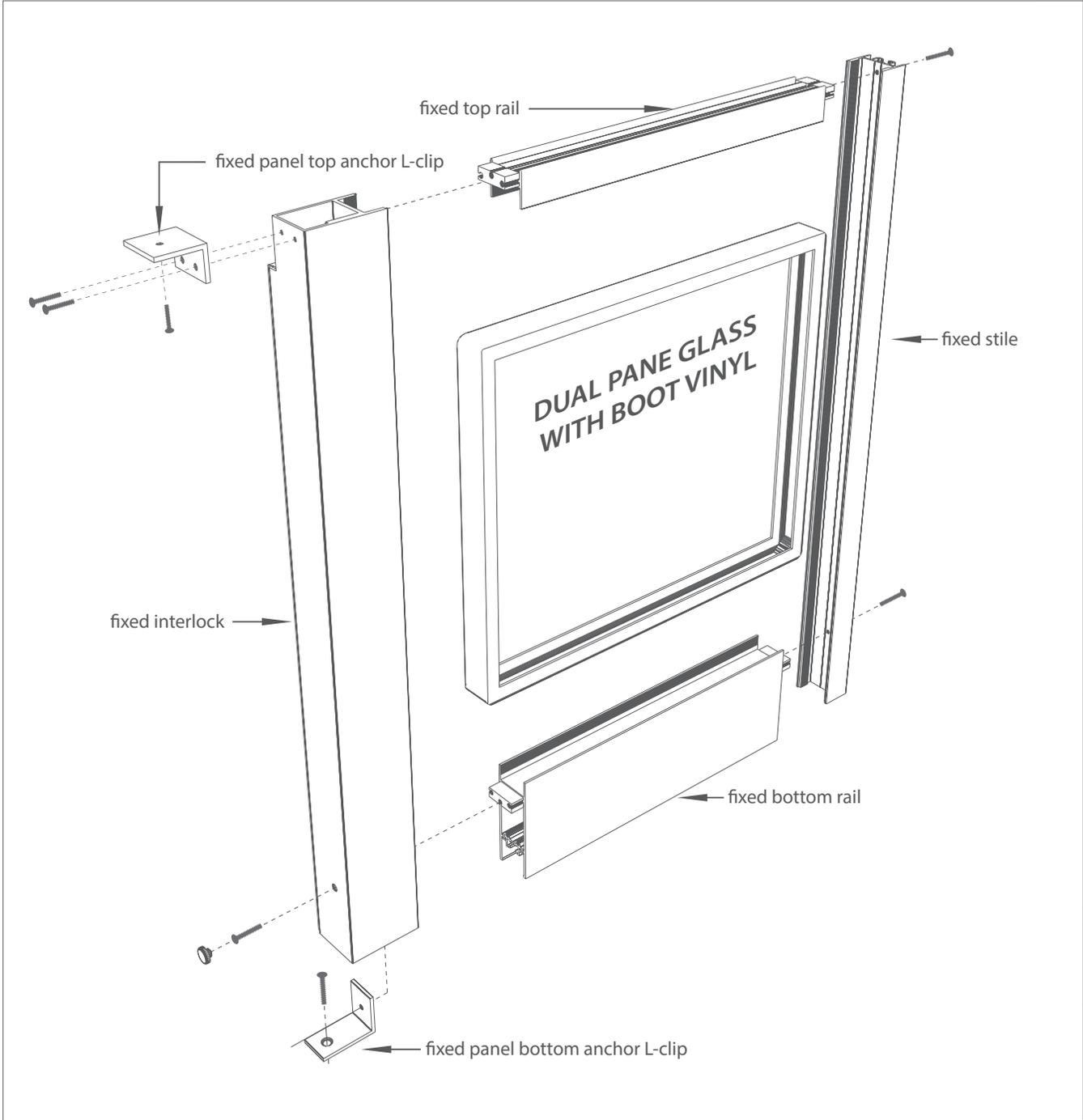


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drawing #3

fixed panel assembly



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drawing #4

false jamb assembly

