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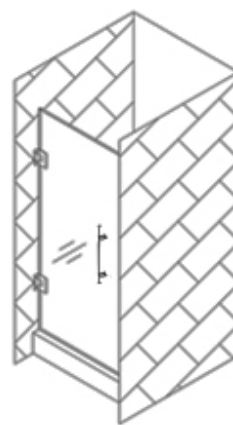
ARIZONA SHOWER DOOR

Tools you will need for this install

- ✓ Exploded View drawing of shower door
- ✓ 3/16" & 1/4" Masonry drill bit
- ✓ Drill
- ✓ 4' or 6' Level
- ✓ Saw (Electric Chop saw or Hacksaw with good blade)
- ✓ #2 Phillips drill bit
- ✓ Tape Measure
- ✓ Pencil or Pen
- ✓ Blue Painters Masking Tape
- ✓ Caulking Gun
- ✓ 1-Tube of 100% Clear Silicone (no latex!)
- ✓ Vacuum Cleaner or Brush for clean up
- ✓ Glass Cleaner and Paper Towels
- ✓ Rubber Mallet
- ✓ File
- ✓ 7/16" thick shims or blocks of wood to shim up bottom of door

!IMPORTANT!

It is necessary to have wood backing/studs in the wall behind hinges for mounting screws to sink into to support the weight of the door. Do not install door on hollow wall. Contact your contractor for the proper installation of wood backing/studs.



Door Only



Door and Inline Panel

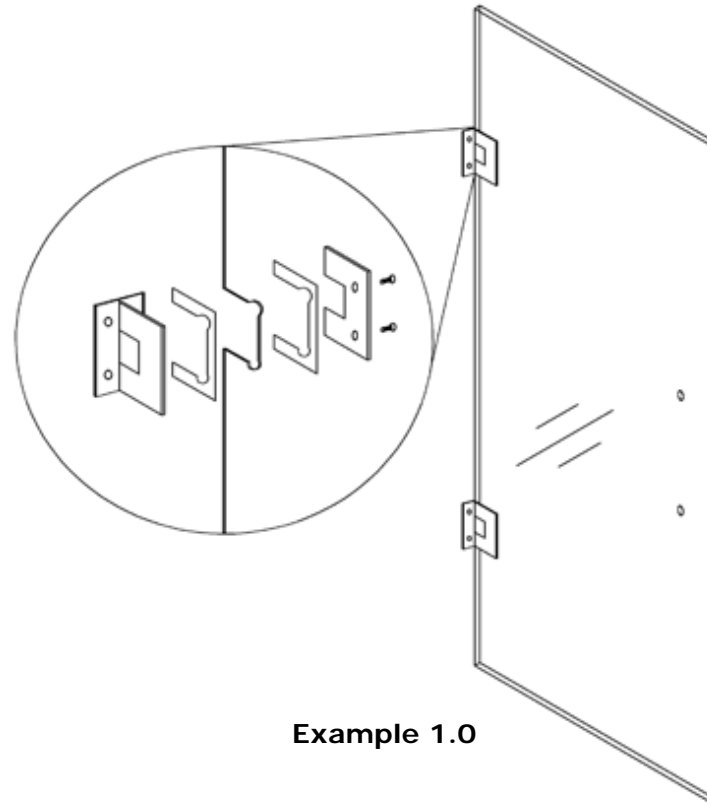
INSTALLATION INSTRUCTIONS
FOR
Scottsdale

Please read through **all** of the instructions to get an over-view **before** you install the shower door.

Arizona Shower Door Inc. reserves the right to alter, modify or redesign products at anytime without prior notice.

For the most current versions of all our installation instructions please visit www.arizonashowerdoor.com

1) Mounting hinges (#1): The glass and gaskets should be free of grime, grease, oils or anything else that would prevent the hinge and gasket from making good contact with glass. Use glass cleaner to remove these things. Remove the cover plates and screws from the hinges. See the template sheet in the hinge box for the proper gasket to be used with your selected glass thickness (included with hinges). Apply the proper thickness gaskets to both sides of the door around the hinge cutouts. Apply light pressure so they will stay in place. Now put the main body of the hinge in the glass cutout. The back plate mounting screws will be towards the inside of the shower. Align the hinge in the cutout being sure that is centered up and down, and that there is 1/16"-3/32" gap between the back plate and glass edge. After everything is aligned, secure the inside cover plates with the supplied machine screws (**#12**).
Note: Always tighten machine screws by hand! You can use the #4 metric Allen Wrench provided or you can use your own. When tightening the screws alternate from one screw to the other so the pressure is evenly applied to the inside cover plate. Repeat the above process on the additional hinge(s).

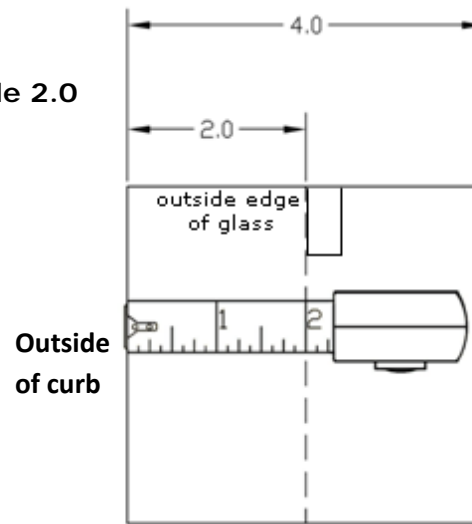


Example 1.0

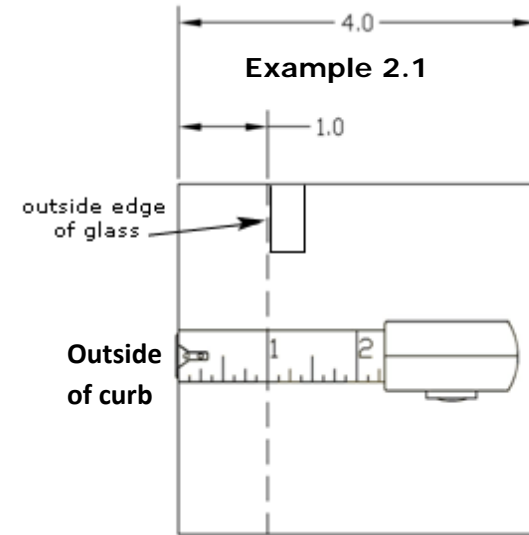
Example 1.0

2) After you mount the hinges on the door, mark each end of the curb with a mark that will represent the outside surface of the door glass. The glass is usually set in the center of the curb. For example if your curb is 4" wide and you want your door to line up in the center of the curb, your center line will be at 2". These marks will be the same distance in from the edge of the curb to keep a consistent reveal from curb edge to the glass surface. View **Example 2.0** for visual representation. If you would like the center line to be closer to the outside of the shower enclosure, measure one end of the curb to the distance that you would like and then measure the same distance on the opposite side. For example, with a 4" wide curb you could measure 1" in from the left outside and then do the same for the right outside side. View **Example 2.1** for visual representation. **Note hinge Back Plates are wider than the glass. Consider where the hinge plates are and if they will still mount to surface of the tile and not past the tile edge.**

Example 2.0

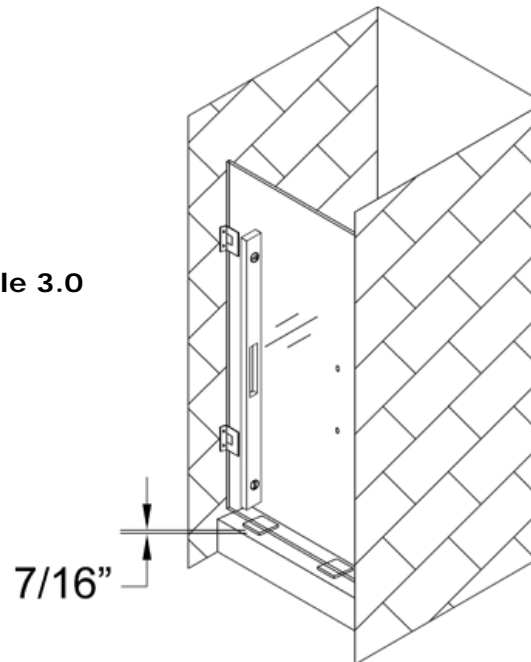


Example 2.1



3) Setting the door: The door can now be set in the opening to mark the hinge placement. ASD heavy doors are configured to have a P990WS polycarbonate sweep installed on the bottom (**#5**). The gap needed for this sweep is **7/16"**. Therefore, you will need **2) 7/16" shims** or setting blocks (**#13**) (wood and hard plastic/rubber are ok. No metal) to set the door on to ensure proper clearance for the sweep. Set the door on your blocks/shims and position it with your marks made on the curb. Use a level to set your door plumb with hinges against the wall. **Example 3.0.**

Example 3.0



Now mark the outside screw holes of the hinge back plates using a pencil or ink marker. You will need an assistant to mark the inside holes.

Example 4.0

4) Drill holes in wall using a 3/16" masonry drill bit as a pilot hole for ease as some porcelain tile can be very difficult to drill with just a 1/4" bit. After drilling all holes, follow with a 1/4" masonry bit.

Example 5.0

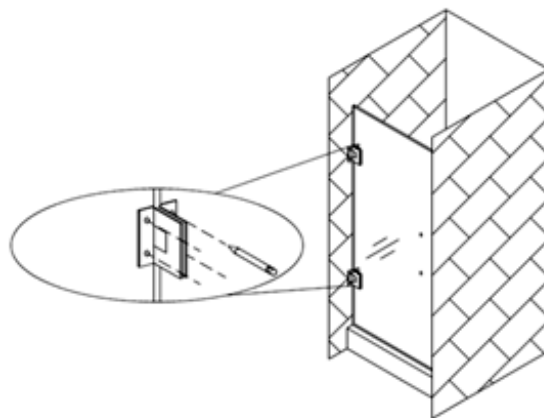
Insert green 1/4" wall anchors that are provided (#11). Cut anchors flush to tile surface if they do not fully insert. A flat razor blade is used in **Example 6.0** (Note: there should **always** be wood backing in the wall to secure screws to).

Example 6.0

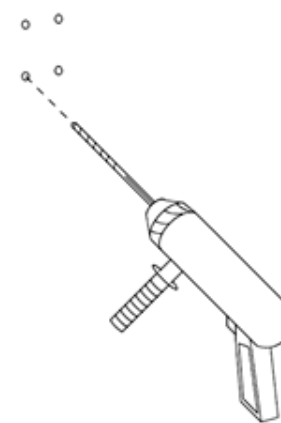
5) Set the door back into the opening onto the blocks/shims and line up door to marks on curb. Make sure hinges are against wall. The holes you drilled should match up with back plate holes. Use a drill with a 6" long #2 Phillips screw bit to secure door to wall with screws provided with the hinges. (It is important to use the 6" long bit as using a shorter screw bit will result in the chuck of the drill scratching the hinge). **Example 7.0** Remove setting blocks to check swing of door and make adjustments as necessary.

6) Installing handle (#2): Example 8.0

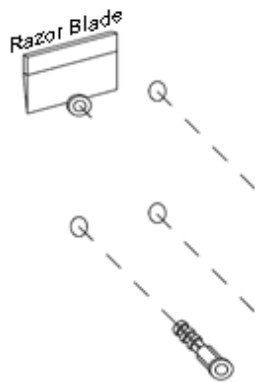
A) Take the two stud head mounting screws and sleeve one metal and one clear washer on each screw. Next, insert the clear grommets into the holes in the door. From the outside of the door, push the thread of the screws through the grommets in the holes in the glass. On the inside of the door, sleeve a clear and then a metal washer onto the screws.



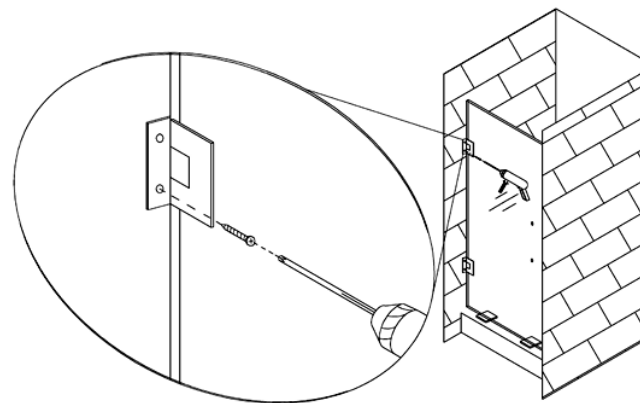
Example 4.0



Example 5.0



Example 6.0



Example 7.0

B) Take the pull that has the threaded hole in the end and from the inside begin to thread the top screw into it and then the bottom screw. Tighten the stud head screws down with a screwdriver (not a drill). This pull will be on the inside of the door.

C) Place the remaining pull, with the large holes and set screw, onto the stud heads of the screws. Tighten the set screws with Allen wrench provided..

7) Directions for P990WS Sweep (#5)

The sweep comes with the angled shield rounded. The angled shield goes to the inside of the shower. Cut the sweep to the width of the glass by cutting off the hinge side using miter saw or hacksaw. Then place over bottom edge of door. Then, using a plastic covered mallet, gently pound up on bottom sweep until it is high enough to not bend and drag on tile but still slightly making contact. This will ensure a maximum seal from leakage. Silicone ends and horizontal seams from glass to plastic.

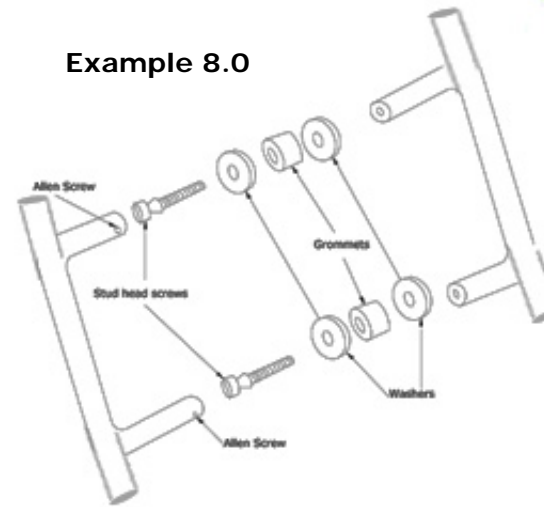
Example 9.0

8) Directions for SDDTNL "L" Seal

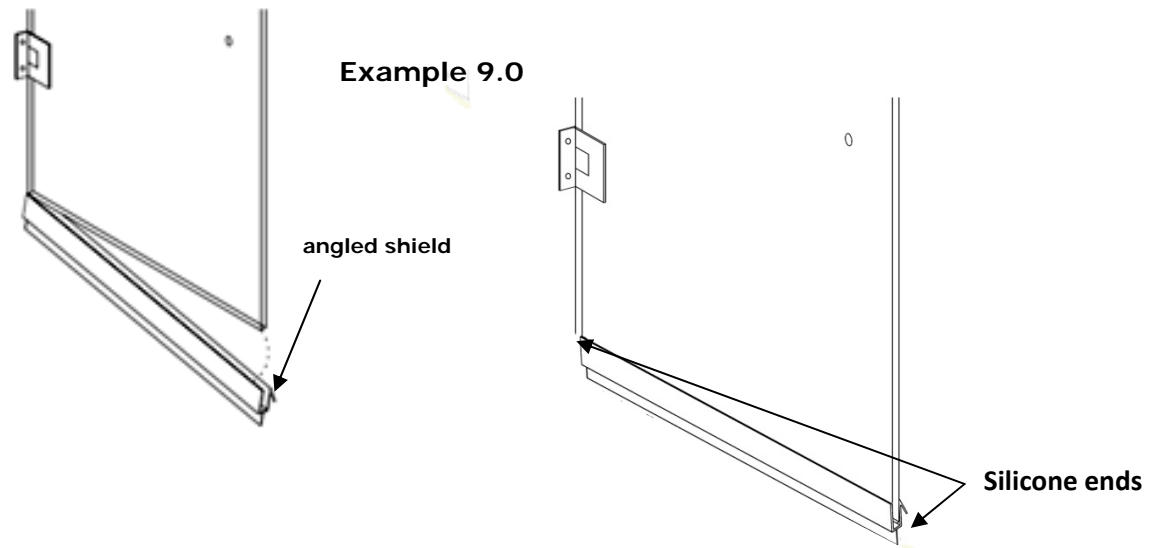
(Please see Inline instructions for installation if opening width is greater than 30")

A) Refer back to your marks in step 2. Make a mark on the curb at the handle side of the door representing the **inside** surface of the glass. Place the "L" seal (per drawings) on the curb and against wall. **Example 10.0.** This will ensure that the door is allowed to open out. Use a level to position the seal plumb against wall. Make a mark on the wall, on the inside of seal the location of where the "L" seal will be positioned down the length of the seal.

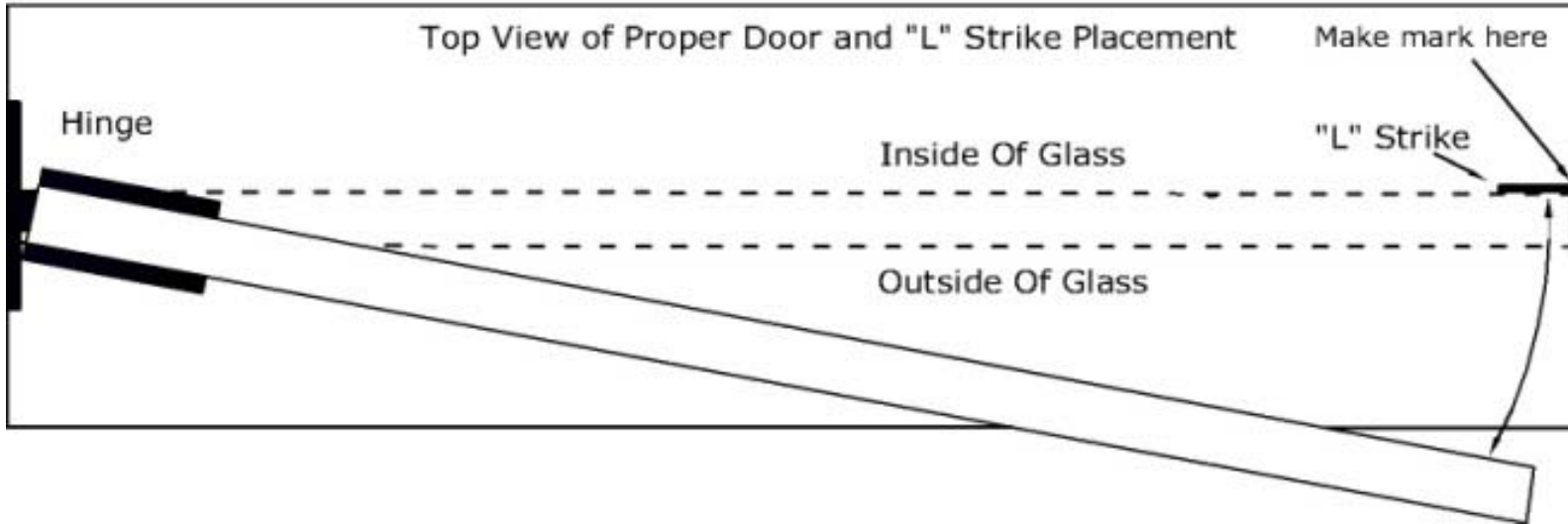
Example 8.0



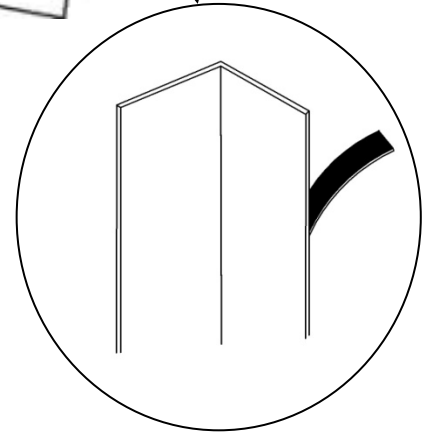
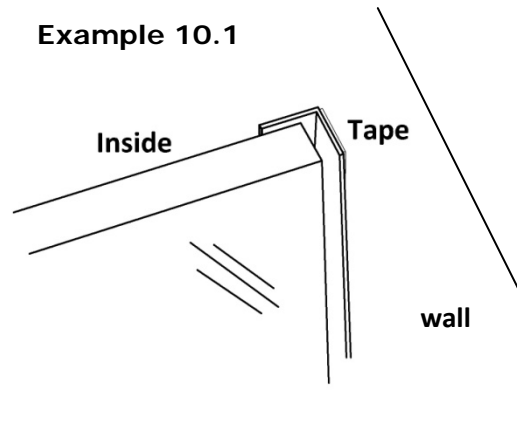
Example 9.0



Example 10.0



Example 10.1



B) Last apply the "L" seal with VHB to the tile by peeling off the protective coating on the VHB tape and firmly applying it to the tile. Making sure to correspond the location of the "L" seal with the marks on the tile made earlier in step **A**).

Example 10.1 (it's a good idea to press the inside of the "L" seal with your thumb and run it down the length of the wall to help make sure that sufficient contact between the VHB tape, "L" seal, and tile are made). Allow 72 hours for full adhesion.

If your opening requires a panel in addition to the door use the Scottsdale Inline Panel Instructions that follow.

Note: bulb seal can be applied to the hinge side of the door in the same way the "L" seal is applied. Apply bulb seal to the glass and NOT the tile.

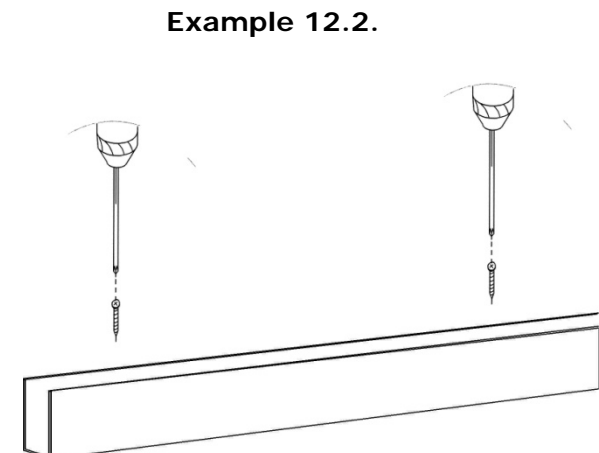
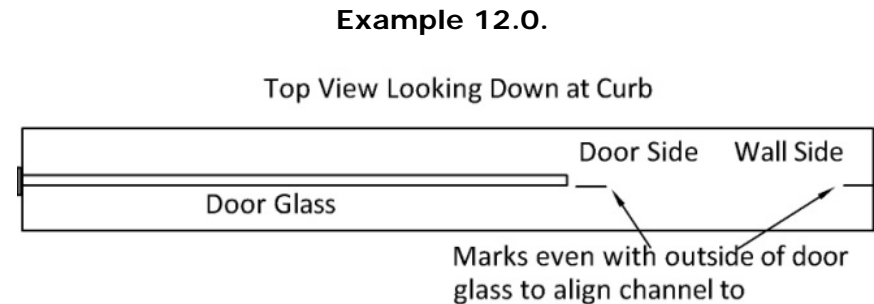
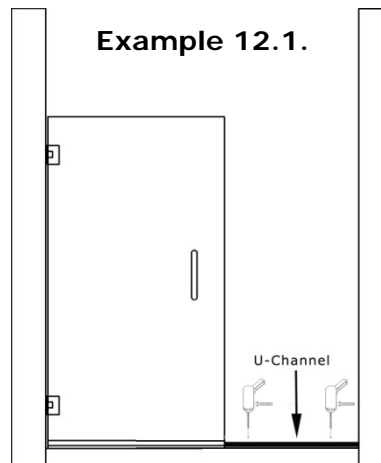
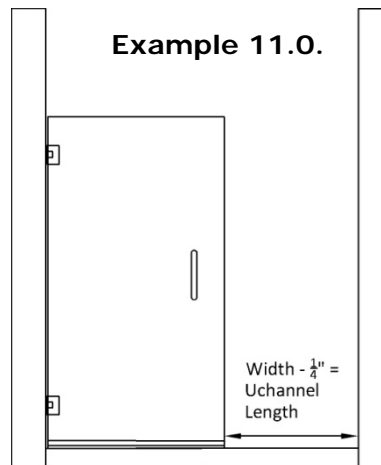
Scottsdale Inline Panel Instructions

These instructions are for units with an opening Greater than 30" wide.

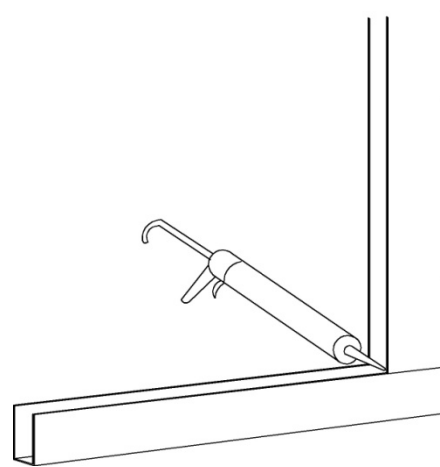
1) With the door in the closed position measure the distance from the edge of the door to the wall on the open side. Subtract a $\frac{1}{4}$ " from the opening width and cut the ZSS4104 U-channel to that dimension (**#8**). **Example 11.0.**

2) Drill 2) $\frac{3}{16}$ " holes in bottom of channel for screws to mount to curb.

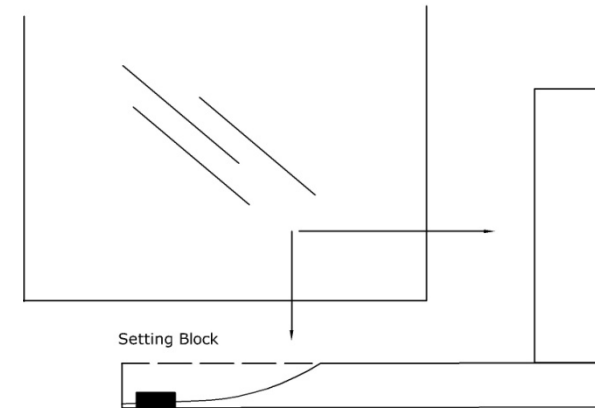
3) Make reference marks on both the wall and door side of the curb. **Example 12.0** Now place the ZSS4101 on the curb so that the outside edge of the ZSS4101 matches with the marks made on the curb (which should be flush with door glass) and mark the holes in the ZSS4104 on the curb, then drill with a $\frac{3}{16}$ " masonry drill bit. **Example 12.1.** Insert the grey $\frac{3}{16}$ " anchors in holes (**#14**). Apply small amount of silicone into holes. Secure the u-channel by using #8x1" flat head screws. **Example 12.2.**



4) To install wall channel drill three 3/16" holes approximately 16" apart in backside of wall channel (the same way you did for bottom channel) (**#9**). Stack wall channel on top of base channel **Example 13.0.** then use a level to set plumb. Then mark the holes on the wall. Set channel aside then drill holes with a 3/16" masonry drill bit. Insert 3/16" expandable plug anchors then, secure the u-channel by using #8x1" flathead screws. Apply a blob of silicone in the inside corner of u-channel covering area where metal meets wall for sealing.

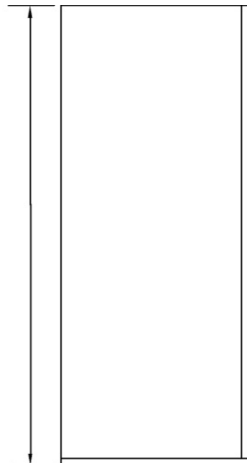


Example 14.0.



5) After u-channel is set, place two 1/4" setting blocks in channel 1" from each end (**#13**). Place glass into wall channel and down into bottom channel and use a level to check alignment. **Example 14.0.** Glass panel should be plumb and level and should be flush with open end of the u-channel which should leave 1/4" between the door glass and inline glass.

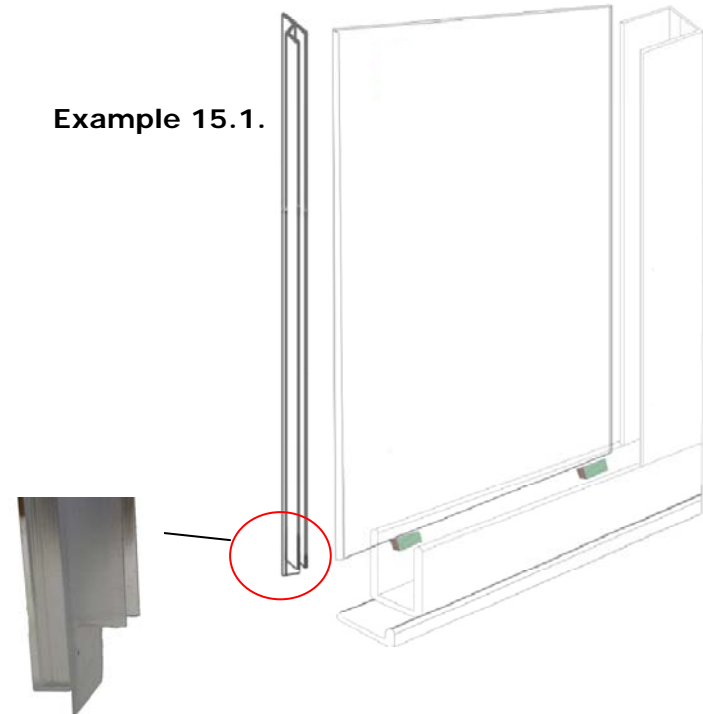
Example 15.0.



6) Measure from the curb to the top of the fixed panel. **Example 15.0.** Apply the ZVP043884MAG seal to the fixed panel by firmly applying it to the glass edge (**#3**).

Example 15.1. Notch ZVP043884MAG strike to fit bottom channel.

Example 15.1.



7) Support Bar Installation (#6)

Set the bar on the glass and position it against the wall, keeping it horizontally level. (support bar does not need cut). Mark where the mounting screw hole needs drilled. Set bar aside and drill wall with a 1/4" masonry drill bit. Insert wall anchor and fasten bracket to wall with screw provided. Attach support bar into bracket and slip other end over glass. Tighten Allen set screws on wall bracket. Tighten screw against the glass on glass bracket. **Example 16.0.**

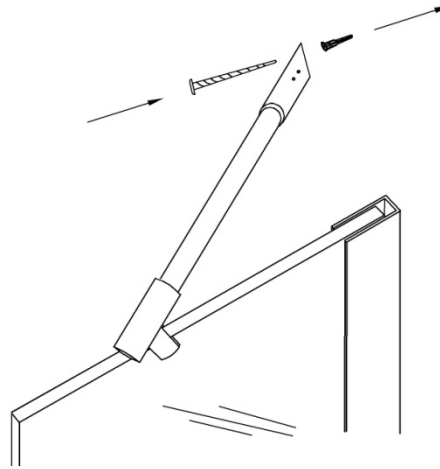
8) Seal inside and out with 100% silicone all around fixed panel, sealing gap where u-channel meets tile and the gap between glass and u-channel.

Example 17.0.

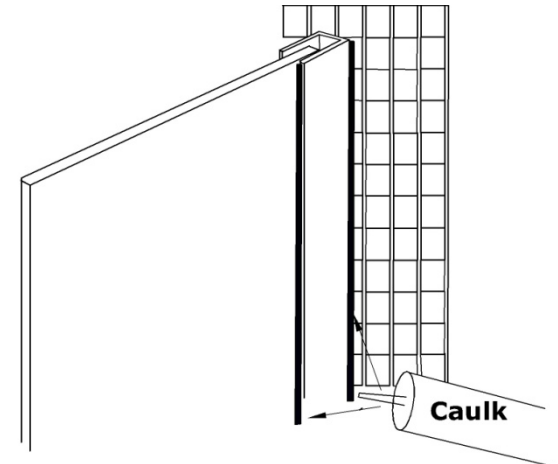
9) Finally, add ZV914 vinyl (**#10**) and MAG4038 (**#4**) to door by firmly pressing against door edge.

Example 18.0.

Example 16.0.



Example 17.0.



Example 18.0.

