

## In-Wall Mount Installation Instructions pg. 1 of 2

Please provide these instructions to contractor at point of sale.

This product is designed for use with Vitraform Glass Countertops and Countersinks. It will accommodate material thickness from  $1\frac{1}{16}$ " (17) to  $1\frac{3}{16}$ " (21) using only the back wall for support.

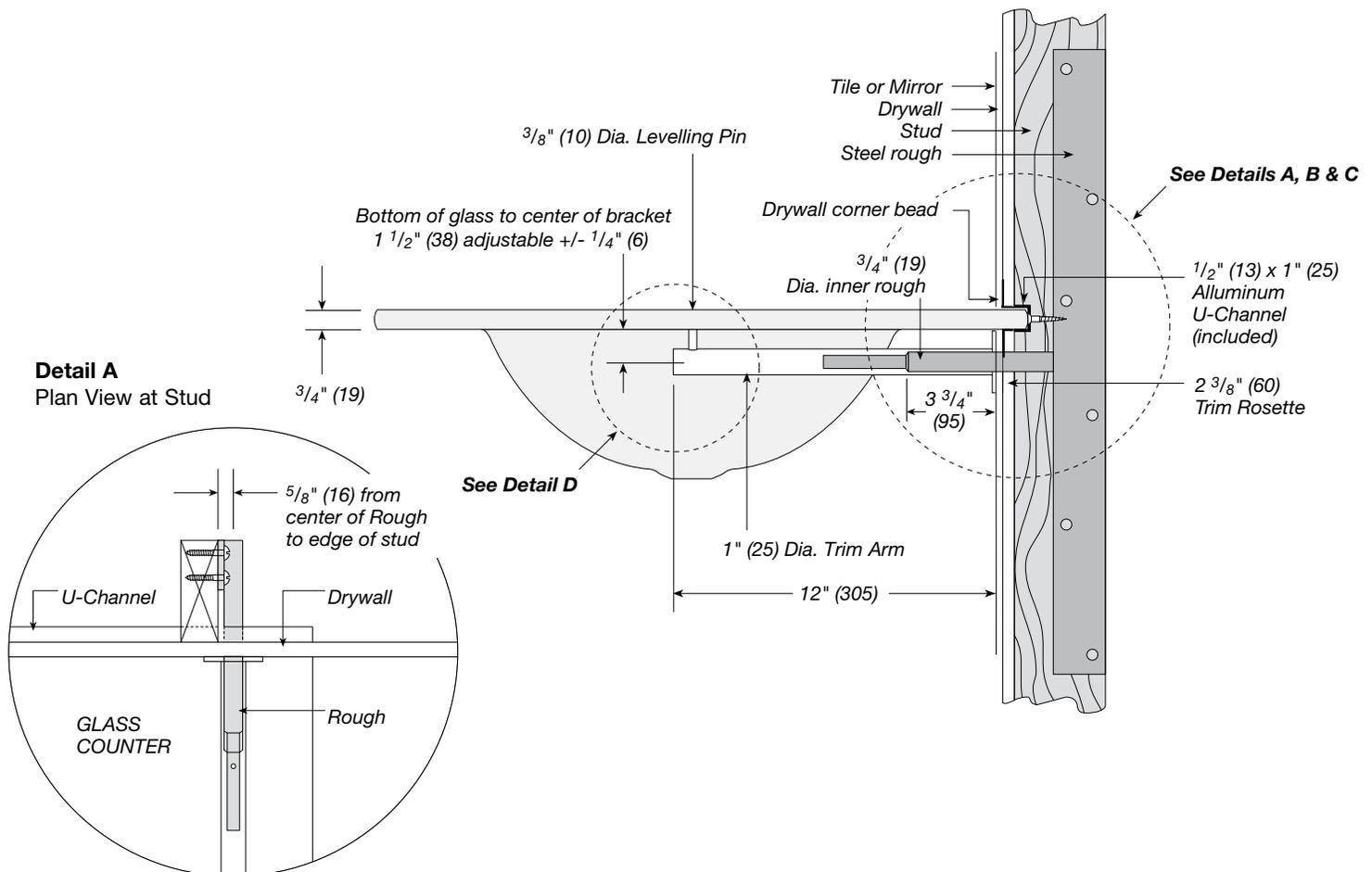
To install this product the wall must be opened to the studs. The strength and integrity of this installation is dependent upon the structure of the wall so care must be taken that the studs on which the mount will attach are strong enough to support the total assembly.

Planning is an important part of this installation because all wall structure and finish must be complete before the glass can be installed. The waste, supply lines and if appropriate, wall mounted faucet must be installed at their correct locations. Only minor adjustments can be made after the wall is closed up.

NOTE: This is a glass counter and everything will be visible through and around it once it is installed. Refer to pages 3.1.a, 4.1.a, 4.1.b for Rough-In Installation Instructions for Vitraform Drains, shut-offs and faucets.

### Installation instructions are as follows:

- 1. Stud preparation:** Determine the number and placement of In-wall Arms to be installed. Make sure studs are correctly located relative to the center of the Arms (**see detail A**). If not, block the studs to their correct center-to-center distance. Mark a level horizontal line on the studs which will represent the **BOTTOM LINE** of the counter; all installation calculations will be relative to this line.
- 2. Attachment of In-wall roughs:** In most 2 x 4 stud wall installations the **Rough** should be placed as deep into the wall as possible. Waterproof wall finish (tile, mirror) is recommended in a wet location. Check position of Steel Rough on stud to accommodate total thickness of drywall and tile or mirror. Set the height of the **Rough** so that the center of the  $\frac{3}{4}$ " (19) horizontal rod is **CENTERED**  $1\frac{1}{2}$ " (38) **BELOW** the **BOTTOM LINE** mark on the studs. Assuming the studs are plumb, attach the **Roughs** to the studs so that large diameter ( $\frac{3}{4}$ " inner rough protrudes  $3\frac{3}{4}$ " from finished wall. Attach using appropriate hardware; if possible use  $\frac{5}{16}$ " (8) machine bolts, nuts and washers. If blocking prevents the use of machine bolts,  $\frac{5}{16}$ " (8) or  $\frac{3}{8}$ " (10) Lag Screws can be substituted with wooden stud walls.



## In-Wall Mount Installation Instructions pg. 2 of 2

Please provide these instructions to contractor at point of sale.

### 3. Channel attachment: See Details B and C

a) The purpose of the **U-channel** is to fix and support the back edge of the counter. It prevents visibility into the wall once the glass is installed and clearly defines where the wall finish should be slotted to accommodate the glass.

b) **Aluminum U-channel** must be cut to length, drilled and countersunk in the appropriate locations to attach to the studs using flat head screws. Depending upon the thickness of the wall finish, the studs may need to be notched to allow the U-channel to sit at the correct depth relative to the back of the drywall (as shown in **Detail A**).

c) Attach the **U-channel** to the studs using flat head screws with the **BOTTOM INSIDE** edge of the channel  $1\frac{1}{2}$ " (38) **ABOVE THE CENTER** of the  $\frac{3}{4}$ " (19) horizontal rod of the **Rough**.

d) After completion of all necessary internal wall work, finish the wall around the rough and channel leaving enough room for the glass to easily slide into the channel. The wall finish should overlap the legs of the channel leaving an opening equal to the inside of the channel (at least  $\frac{7}{8}$ " (22)).

e) a horizontal wood support behind the cut edge of drywall, above and below the counter is recommended to prevent the drywall from flexing. For drywall finish (**Detail B**), apply a corner bead to the raw edge of the opening for the glass and finish as usual. Please note, painted drywall is not recommended for a wet location. See **Detail C** for recommended installation with waterproof material over drywall. Apply corner bead to the raw edge of the drywall and finish as usual.

4. **Trim installation:** Slide **Trim Rosettes** and **Trim Support Arms** onto  $\frac{3}{4}$ " (19) **Rough** rods with the #10-24 set screw facing down. Tighten the set screw with the arm correctly positioned with the Leveling Pin holes in a vertical position. Install and adjust Leveling Pins so they are level with bottom of the channel in wall.

5. **Glass installation:** Peel back enough of the protective film on the back edge of the counter so the film does not go into the channel. Carefully slide the glass into the channel and by gently lifting the glass, adjust the Leveling Pins so they carry equal weight of the glass.

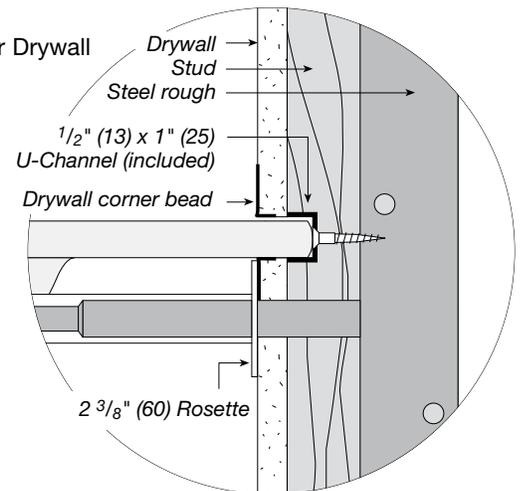
6. **Caulking:** Mask a  $\frac{1}{8}$ " (3) wide area between the wall and the counter on the top surface only. It is necessary to caulk only the top surface of the glass to the wall, making it easier to remove the counter if necessary. Silicone inside the channel or under the counter will be unsightly. **DO NOT GET SILICONE ON THE COUNTER WHERE IT IS NOT INTENDED, IT IS DIFFICULT TO REMOVE, ESPECIALLY ON FROSTED COUNTERS, EVEN BEFORE IT SETS.**

### Optional Towel Bar Installation: See Detail D

The In-Wall Mount with Towel bar is installed the same as above, except the Leveling Pins are replaced by the Towel Bar Leveler. After the counter is installed and leveled, mount the Towel Bar to the Towel Bar leveler and tighten the #10-24 set screws.

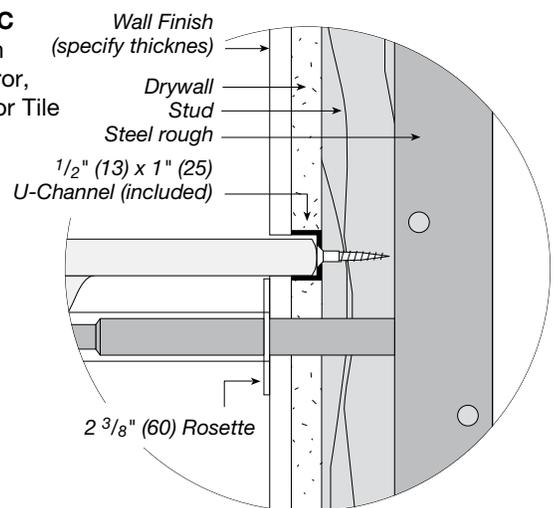
### Detail B

Section for Drywall



### Detail C

Section for Mirror, Stone or Tile



### Detail D

Towel Bar assembly

