

U-Channel Installation Instructions

Please provide these instructions to contractor at point of sale.

This product is designed for use with Vitraform Glass Counters and Countersinks. It will accommodate material thickness from $1\frac{1}{16}$ " (17) to $1\frac{3}{16}$ " (21). Recessed U-channel is used in combination with other Vitraform support hardware for a complete installation. It may also be used to support a Counter up to 48" wide on one side wall and at the back wall or on two sides of a corner installation. Consideration for removal of the counter must be made when using channel on three sides of an installation.

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.

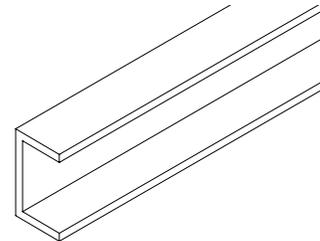
Installation of U-Channel:

1. 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 to clearly defines where the wall finish should be slotted to accommodate the glass.
2. Mark a level horizontal line on the studs that will represent the **BOTTOM LINE** of the counter.
3. 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**).
4. Attach the U-channel to the studs using flat head screws with the **BOTTOM INSIDE** edge of the channel equal to the **BOTTOM LINE** of the Counter.
5. After completion of all necessary internal wall work, finish the wall around the 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)).
6. 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 A)**, 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 B** for recommended installation with waterproof material over drywall.

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. Please follow directions provided with front support fittings.

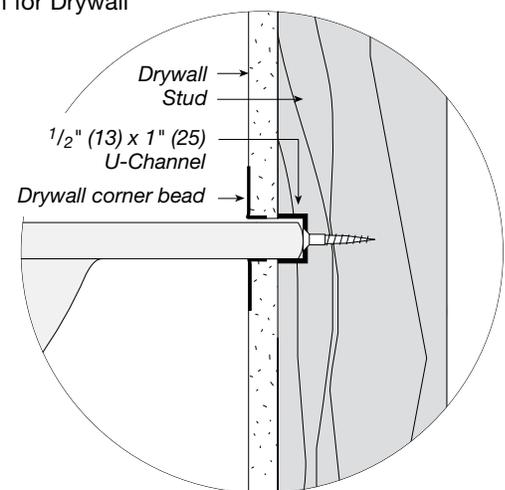
Caulking: Mask a $\frac{1}{8}$ " (3) wide area between the wall and the counter on the top surface only. It is necessary to caulk only the top surface of the glass to the wall, making it easier to remove the counter if necessary. Silicone inside the channel or under the counter will be unsightly. **DO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

Aluminum U-Channel



Detail A

Section for Drywall



Detail B

Section for Mirror, Stone or Tile

