

Creating An Effective and Neat Silicone Seal

Aquarium or Glass to Glass Corner Seals

A neat silicone job is essential to the appearance of any shower, but when one has two glass panels meeting at the corner, a good job makes the enclosure a poor finish can ruin it.

Verify Final Positioning

As long as the panels are securely positioned the door can be installed. What needs to be 100% sure is that the panels are in the correct and final position. Ensure both pieces of glass are free from grime or oils that prohibit good adhesion. Glass cleaners or rubbing alcohol make good cleaners.

When To Silicone The Corners

The aquarium corners should be done after your fixed panel hardware is installed, and your panels are set in place. Usually you have one panel which has support from the back wall. This panel will stand by itself when positioned. The other panel needs to be temporarily taped to the first panel. Put a setting block between the top corners to prevent glass to glass contact. The spacing should be 1/16" to 1/8" wide. You want the spacing to be consistent from top to bottom.

Taping The Glass In Preparation

Run Blue Low Adhesive Transfer Tape down the edges of both sides on both pieces of glass. The tape will act as an edge masking after the sealant has been applied. The purpose of taping the glass is to prevent the sealant from smearing all over the glass when the silicone bead is tooled. When the tape is removed while the silicone is still wet, it will produce a neat and attractive joint.

Have a roll of paper towels handy because siliconing can be messy and you may have to wipe your hands frequently.

Sealing the Corner

Make a small hole in the nozzle of the crystal clear aquarium corner silicone (99AS). Start at the bottom of the glass panels and work your way up to the top. Make sure you inject enough silicone into the crack so that there is excess that needs to be wiped off from the outside.

Using your finger wipe off the excess silicone and wipe it onto a paper towel and throw it away. Each time you run your finger from the bottom to top of the joint you push a little more silicone through the crack. Wipe the inside, the outside, and repeat until there is no more silicone left to wipe away.

Any excess silicone is on the tape, so you don't need to worry about cleaning up. Carefully remove the vinyl tape and throw it away. Remove the spacer block at the top of the glass, and inject a little silicone into its space. The corner needs to be left to set for 24hrs.