

# Ken StoneBURG

C R E A T I V E

## Shower Panel Installation

For 4 panel (or more) shower and tub installations

Thank you for choosing our unique products. Epoxy shower surrounds and counter tops are the most versatile and unique durable surfaces on the market. We take pride in collaborating with our customers to find the best color and pattern combinations to meet their needs.

It truly is **Art At Work**

These tips are to help you get the best DIY installation. If you are unsure of your ability, please contact us and we'll talk about getting you some help.

Your panels come with a 1 year warranty from manufacturing defects and these tips, when followed, will make sure your warranty is not voided.

Your panels come slightly oversized on the width so they can be cut to match any unevenness in the walls.

You can use green board as a backer to glue your panels. **Do not glue your new panels directly to the studs.**

**Notes on installing the valve:** When installing the valve, the Epoxy panel MDF is 1/2" thick, the glue is about 1/16" thick and the epoxy is 1/32" thick. This makes the epoxy panel approximately 19/32" thick total. There is usually a decent amount of play in a shower valve. The green board is 1/2" thick making the total material roughly 1 1/4" thick total. Note this when installing the valve.



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You'll need:

- Circular saw with a new fine blade
- Hole saws for cutting out faucet protrusions
- Work surfaces to lay the panels on for cutting
- Straight edge for cutting against with clamps
- Markers or pencils (markers make a line that's easier to see)
- Nitrile gloves for working with silicone (use new gloves between each panel)
- Adhesive - **Loctite Powergrip Tub Surround** (do not substitute) Have at least 1.5 tubes for each panel. Note that they are temperature sensitive. Don't let them freeze.
- Silicone GE Silicone is very good and you should match to your best ability the colors of silicone to your panels.
- 1/4" thick small wood blocks (x8) for spacers on the bottom of the panels
- ...and of course your panels.

1) Workspace:

- A. Make sure you have adequate space and saw horses to work on. Use cardboard or cloth to separate the panels to be cut from the work surfaces as you will be cutting from the backside of the panel (the side with Redgard on it)
- B. Use a new fine tooth blade in a circular saw for cutting. Old saw blades may feel sharp but they aren't. A new blade gives you the best possible cut. You will be installing the back left panel first.
- C. If you are installing grab bars, it's required to install supporting structure (2x6 or larger) between the studs for the grab bars to screw to. Make careful note of the locations for installing bars after the panels are in. If you are installing a shower door, similar internal supports are required. Write these locations down on a template cardboard or equivalent for future reference. This must be done before installing the green board.
- D. We highly recommend cutting a piece of cardboard to fit your tub or shower pan. These surfaces scratch easily and debris from drywall is abrasive. Stones caught

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in the treads of your shoes are hidden dangers. Clean the work area often as things falling under the cardboard go unnoticed until its too late.

### 2) Check tub or pan for level:

- A. If its not level you'll need to use some shims along with your spacers when installing your panels

### 3) Back left panel:

- A. Each panel is marked with tape making it easier to orient your panels for installation. Find the panel for the back left and orient in the UP position. Check your left back corner with a level to make sure the wall is reasonably plumb. Since the panels are 1/2" thick, a wall that's 3/8" out of plumb doesn't need to be trimmed. This is where some skill comes into play.
- B. If your wall is out of plumb more than 3/8" you'll need to cut the panel at a slight angle. Just be sure to not have a gap at your left edge of more than 3/8" or it will show in the finished product.
- C. Its nice to have the center seam as plumb and as close to the center of the back wall as possible. Mark your green board with a plumb center line and cut your panel appropriately for any deviation at the corner of the wall.
- D. Dry fit to be sure you've cut your panel properly.
- E. Once you are satisfied the panel fits well, use a gloved hand and the silicone to seal the edge of the panel you've just cut. Smooth the silicone into the raw edge with your finger. Allow the silicone to dry. The silicone is extremely tacky and will permanently adhere to the surface of the panel. Make sure your fingers and clothing have not gotten contaminated with silicone.

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- F. Once the silicone is tacky and doesn't stick to your gloved hand, you can begin the install process.
  - G. The Locktite glue is fast acting and you can only reposition the panel for a few seconds. Be sure the shims are in place on the shower pan or tub. With a caulk gun, spread about 1 1/2 tubes evenly over the green board only where the current panel your working with will be located.
  - H. Place the bottom of the fitted panel on the shims at an angle and evenly tilt it into place. At this time make sure your panel is even and adjust quickly. Use shims as necessary.
  - I. Once in place, press very firmly all the areas of the panel into the wall to ensure the glue has adequate contact between both surfaces.
  - J. Hold the panel in place for about 1 minute and be sure the edges are as close to the green board as possible.
  - K. You should be able to walk away and start the next panel.
- 4) Locate the right back panel and repeat the process.
- A. Do the same with the right back panel making sure the shims are level with the left panel. Having the back panels out of alignment makes for an uneven look and possibly a wider than desired seam in the middle.
- 5) Locate the side panel that's opposite the valve
- A. Repeat the edge trimming above making sure to orient the panel properly. The side panels are last as they will help secure the back panels in place.
- 6) Cut openings for the valve protrusions

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- A. Determine which side panel (left or right) has the shower valve on it. This is the final panel
- B. Measure carefully the locations of the holes needed for the valve, the tub spigot and the shower spigot if appropriate.
- C. Determine the exact centers and sizes of the holes that need to be cut.  
Remember the 1/4" shims at the bottom.
- D. Follow the valve instructions for orienting the shower valve and cut the hole.  
Measure three times to be sure and write down your measurements so you don't forget.
- E. Install the panel as the others above.

### 7) Silicone the joints

- A. Use the blue tape to tape the corners and center seam allowing for 1/8" reveal of the panel. This is to allow the silicone an attachable surface.
- B. This would be 6 lines of tape. Be sure to adhere the tape firmly without any wrinkles or bubbles. Its better to remove poorly applied tape than to splice.  
Silicone will find the smallest spaces.
- C. Wrap the tape under the panels to create a smooth transition.
- D. Wearing neoprene gloves, apply a small bead of silicone into the joints and press in with your finger. Have paper towels on hand to wipe off excess silicone from your gloves or remove and replace the gloves often. Keep a trash bag close by too.
- E. Repeat on all joints

### 8) Silicone the holes

- A. Using small amounts of silicone on a gloved finger apply silicone to the raw edges in the holes you've made for the valve and spigot holes.

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## 9) Grab bars

- A. Locate and mark your grab bar screw locations and pre drill the panels.
- B. Install

Give the silicone 4 to 5 hours to cure before using the shower or bath.

If you have any questions or would like professional assistance, please contact us at the numbers below.

315-708-4000 Text or Voice  
[contact@KenStoneburgCreative.com](mailto:contact@KenStoneburgCreative.com)

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Thanks again and please recommend us to others.