

# MirroFlex Tub and Shower Walls Kit Installation Instructions

MirroFlex™ Tub and Shower Walls must be acclimatized for 24 hours before installation!

## PLEASE READ ALL INSTRUCTIONS PRIOR TO INSTALLATION:

The guidelines provided herein have been established in good faith to help prevent installation problems. Failure to comply with the following instructions, as well as the adhesive manufacturers' instructions, may result in significant installation problems.

MirroFlex Tub and Shower Walls are ideal for both residential and commercial environments with wet-area wall surfaces, including shower recesses and laundry walls. These robust wall surfaces are an attractive, economical alternative to traditional ceramic tiling. In fact, MirroFlex Tub and Shower Walls are a home renovator's dream thanks to their durable, non-porous, grout-free properties and easy installation and maintenance.

The standard kit includes three tub panels and two finishing trim pieces. Combine two tub side panels with folding corners and a back panel. Be sure to check your existing tub measurements as most kits are made for 60" tubs. \* Savannah and Herringbone are for 58" tubs and can be adjusted to 60".

### INSPECTION (Fig. 1):



Figure 1

Please inspect the MirroFlex Tub and Shower Walls for any imperfections prior to installing; once installed, panels may be very difficult to remove.

Upon opening your package, unroll the panels and lay them flat in the environment in which they will be installed for at least 24 hours prior to installation.

### TOOLS & MATERIALS REQUIRED (Fig. 2):



Figure 2

- Razor knife, scissors, other cutting tools
- Tape measure
- J-roller/Paint roller
- Trowel
- Level
- MirroFlex™ Tub and Shower Walls
- Adhesive – see adhesive chart
- Silicone Sealant
- Soap, Water, & Damp Cloth
- Mineral Spirits
- Painter's tape

**CUTTING/FABRICATING:**

MirroFlex Tub and Shower Walls can easily be cut to size with a razor knife or scissors. Note: when fabricating MirroFlex, always cut from the decorated (front) side.

**ADHESIVE** Various adhesives can be used for adhering MirroFlex Tub and Shower Walls to a wall. FRP type trowel-on adhesives are recommended. The following is meant as a guideline for adhesives:

| ADHESIVE ITEM                   | SHEETROCK |
|---------------------------------|-----------|
| Loctite Power Grab              | Excellent |
| Titebond Fast Grab FRP Adhesive | Excellent |
| Spraylock FRP Adhesive          | Excellent |
| Titebond Advanced Polymer       | Excellent |

**PREPARATION:**

1. Disconnect existing fixtures and make necessary repairs to walls. Before starting the installation, the surface must be dry, smooth, and free from dust, grease, wax, and other particles.
2. Measure shower space depth at top and bottom to determine your trim cuts to the side panels if necessary. The flat edge is the bottom of the panel. The side panels (2) have folding corners to eliminate water intrusion. Pre-bend the side panels at the folding corners to a 90-degree corner. Fold the corners towards the decorated side (Fig. 3). Be careful to measure the depth of the side panel from the folded corner of the panel (Fig. 4).



Figure 3



Figure 4

3. Place the side panel in place. Panels are labeled on the back to identify: LEFT, RIGHT, and CENTER. Verify fit and adhere temporarily with painter's tape.
4. Measure from corner to center of plumbing fixtures (Fig. 5) and measure from top of tub to center of plumbing fixtures. Transfer measurements to side panel for making holes with a hole saw (Fig. 6). Be careful to select the correct side panel – they are not interchangeable.



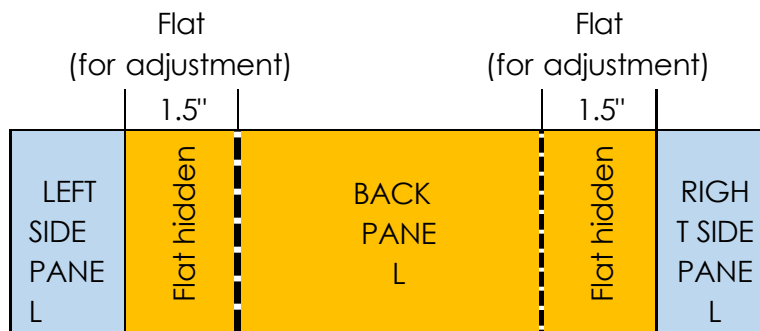
Figure 5



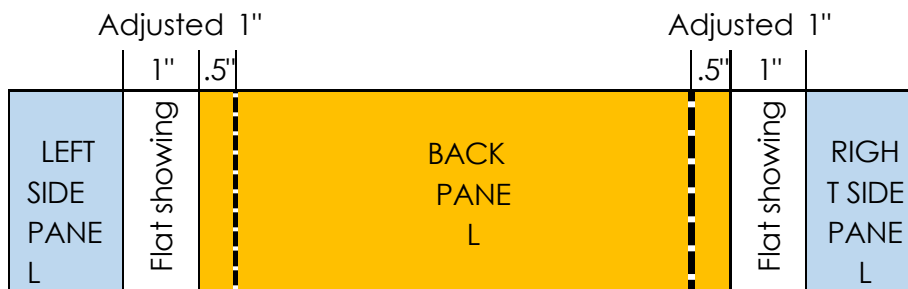
Figure 6

5. Cut holes from the decorated surface. Panels may be placed on wood so hole saw can cut completely through panel. Make sure holes are smaller than fixture cover plates so that they are not exposed, and a watertight seal can be made.
6. Place side panels in shower and adhere temporarily with painter's tape. Add back panel and adhere temporarily with painter's tape. Verify the fit of all three panels and adjust if necessary. If the panels go to the ceiling, cut to proper height. Molding might be required to make a good transition from wall to ceiling.

There is a 1 ½" flat on each side panel for overlap with the back panel. This is designed to allow up to a 2" adjustment on the back of the tub. It should be noted that if this flat is used as a length adjustment, there will be a flat area visible between the panels equal to the adjustment. (Diagram A)



Ex: no adjustment



Ex: 2" adjustment on Savannah and Herringbone if needed

### DIAGRAM A

7. Once properly fitted, draw a pencil line at the top of all three panels to mark their top location. Remove tape and panels.

**INSTALLATION:**

1. Place painter's tape at pencil line to protect wall from excessive adhesive. The bottom edge of tape should align with pencil line.
2. Apply adhesive to either side wall per adhesive instructions (Fig. 7).



Figure 7

3. Place the side panel in place, making sure it is plumbed. Check label again for TOP of panel. Also place the folding corner of panel firmly into the corner of your shower space. For extra adhesion strength, apply a generous amount of Loctite Power Grab Ultimate (or comparable) to 6 inches of the back wall where the side panel wraps (Fig. 8). Smooth out any trapped air in the center of the panel to the edges using a J-roller or heavy rag (Fig. 9). If your tub kit has masking, it should be removed at this time. \*Only white tub kits ship with masking.



Figure 8

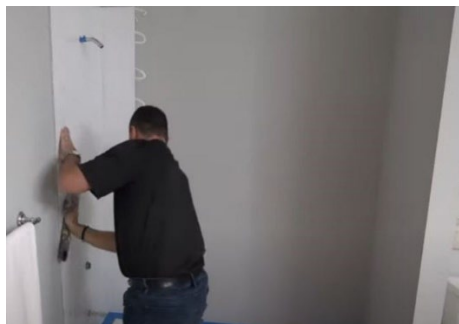


Figure 9

4. Verify openings in panel for plumbing match the plumbing in the shower space.
5. Allow adhesive to set up per manufacturer's recommendations.
6. Repeat process for other side panel.
7. Apply adhesive to back wall per adhesive instructions.



Figure 10

8. Apply back wall panel, making sure to align the pattern on both sides (Fig. 10). The back panel will overlap the folded portion of the two side panels. If your tub kit has masking, it should be removed at this time.
9. Smooth out any trapped air in the center of the back panel to the edges using a J-roller or heavy rag. Clean up excess adhesive with warm soapy water. DO NOT use solvent-based cleaners on MirroFlex products.
10. If panels have slight movement, masking tape or painter's tape can be used to hold panels in place until adhesive dries.

#### INSTALLATION – FINISHING:

1. Add finishing trim to panels before panel adhesive dries.
2. Cut the finishing trim to sizes if necessary (Fig. 11).
3. It is recommended that you apply a bead of silicone to the inside of the trim to provide a watertight seal. Then, apply a bead of adhesive to the back of trim to apply to wall. Attach finishing trim to edge of side panels (Fig. 12).



Figure 11



Figure 12

4. Seal the overlapping seams on the back wall by applying a heavy bead of silicone on

the flat of the side panel's folded corner and the raised design of the back panel by

5. lifting the edge of the back panel and inserting silicone to create a water barrier (Fig. 13).



Figure 13



Figure 14

6. Re-attach shower's plumbing and hardware. Apply silicone to all hardware edges to assure no water intrudes behind MirroFlex™ panels.
7. Apply a bead of silicone where the panels meet the tub (Fig. 14).
8. Clean up using warm soapy water. Never use abrasive cleaners.

### Conditions & Warranty

Advanced Technology, Inc. and its distributors believe all information contained herein to be correct. It is the responsibility of the fabricator/customer to completely test the adhesives and methods of fabrication to ensure that the results are satisfactory. ATI is not responsible for any fabrication or ancillary costs involved with using MirroFlex products.

All shipments are to be inspected within 10 working days after delivery. We are to be informed in writing of any potential adjustment necessary. The seller's only obligation will be to replace defective sheets on a one-to-one basis. Neither the manufacturer nor the seller shall be liable for any additional damage or loss, directly or indirectly, arising because of using MirroFlex products.

Slight imperfections and color variations from sheet to sheet are possible and considered normal. Please inspect each sheet carefully before fabrication to ensure it meets your needs.

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