



Installation of Aquasurf® Solid Surface Products

Shower Wall Kit and Trim Accessories

Installation Precautions:

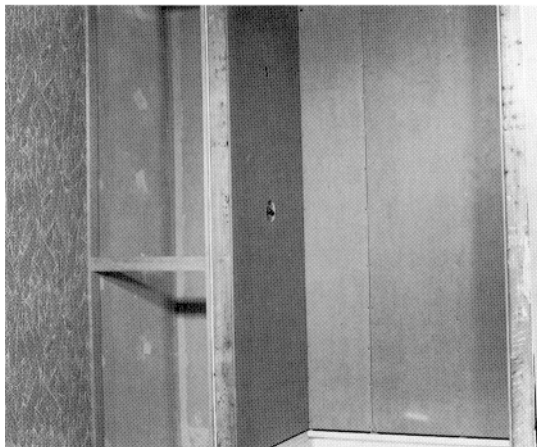
Before installing Solid Surface shower walls, additional recommendations should be followed to insure a sound, long lasting installation:

- Wall surface should be smooth and plumb, free of surface irregularities.
- Wall Panels should not be installed, nor directly applied to Masonry surfaces.
- Preferred wall surface is a primed MR (Moisture Resistant) drywall surface.

Allow minimum 1/8" expansion allowances.

Specifications and Layout

Whether new construction or renovation verify that plumbing valves and water-resistant gypsum board has been installed.



Shower pan, plumbing and wallboard installed

Standard Components

Aquasurf® Solid Surface Products Shower Wall Kits are easily installed. Little fabrication is required. The Shower Kit consists of precut 3/8" or 1/4" sheets 36" x 72" or 84", precut 3/8" or 1/4" sheets 29" x 72" or 84", plus a 3/8" or 1/4" batten strip 2" x 72" or 84".

The optional AS-ISCR 4" Inside Corner Overlay, or AS-IS-CV 1" x 1" with 3/4" Inside Cove provides a deluxe, finished appearance to the installation.

SHOWER RECEPTACLE

AS-S36NEO	36" x 36" Neo-Angle Integral Shower Receptacle
AS-S36RND	36" x 36" Round Integral Shower Receptacle
AS-S3840-FA	36" x 36" ADA Integral Trench Drain Transfer Receptacle
AS-S3462-FA	34" x 60" ADA Integral Trench Drain Transfer Receptacle
AS-S3636	36" x 36" Integral Shower Receptacle
AS-S4836	48" x 36" Integral Shower Receptacle
AS-S6036	60" x 36" Integral Shower Receptacle
AS-B0272	3/8" x 2" x 72" Batten Trim
AS-P4896	3/8" x 48" x 96" Wall Panel (per square foot)

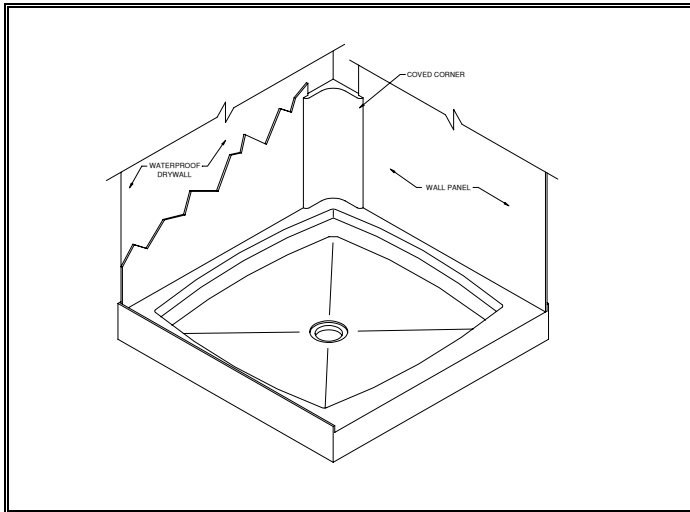
SHOWER WALL KITS

ASK-NEO	2- 3/8" 36" x 72" Shower Wall Panel (NEO)
ASK-RND	2- 3/8" 36" x 72" Shower Wall Panel (RND)
ASK-S363672	3 - 3/8" 36" x 72" Shower Wall Panel
ASK-S483672	2 - 3/8" x 36" x 72" Shower Wall Panel 1 - 3/8" x 48" x 72" Shower Wall Panel
ASK-S603672	2 - 3/8" x 36" x 72" Shower Wall Panel 2 - 3/8" x 29" x 72" Shower Wall Panel 1 - AS-B0272 Batten Trim
ASK-S603684.25	2 - 1/4" x 36" x 84" Shower Wall Panel 2 - 1/4" x 29" x 84" Shower Wall Panel 1 - ASB-0284.25 Batten Trim
ASK-S363684.25	3 - 1/4" x 36" x 84" Shower Wall Panel

AS-ISCR	Inside Corner Overlay Trim (Coved Corner)
AS-IS-CV8	3/4" Inside Corner (Coved) 1 1/4" x 1 1/4"

Commercial adhesives such as Bostik 1100FS Urethane adhesive for attachment and commercial grade clear and/or color matched silicone caulk should be used for caulking joints, battens and trim strips to provide a watertight seal.

Planning and Preparation



Aquasurf® Solid Surface Products Shower Wall Kit

Wall Panel Kits can be upgraded to 96" height and substituted for the pre-cut Shower Kits, particularly for customized or non-standard tub installations.

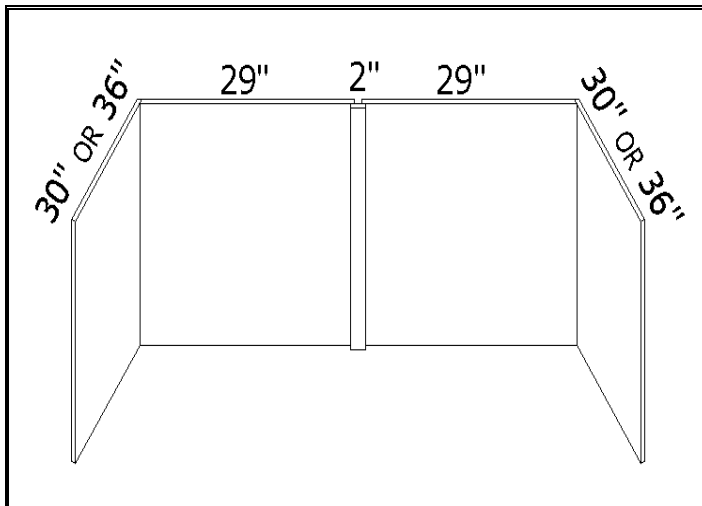
A Commercial Wall Panel Kit substituting 1/4" thickness is also available. Consult your wholesale supplier or factory for the 1/4" specification.

Optional:

- AS-SSH Soap/Shampoo Holder

Scotch-Brite® wiping pads are used to clean the Aquasurf® Solid Surface Products Tub Wall Kit surface after installation.

Prepare a drawing as illustrated as a reference for ordering materials.



Ordering Materials

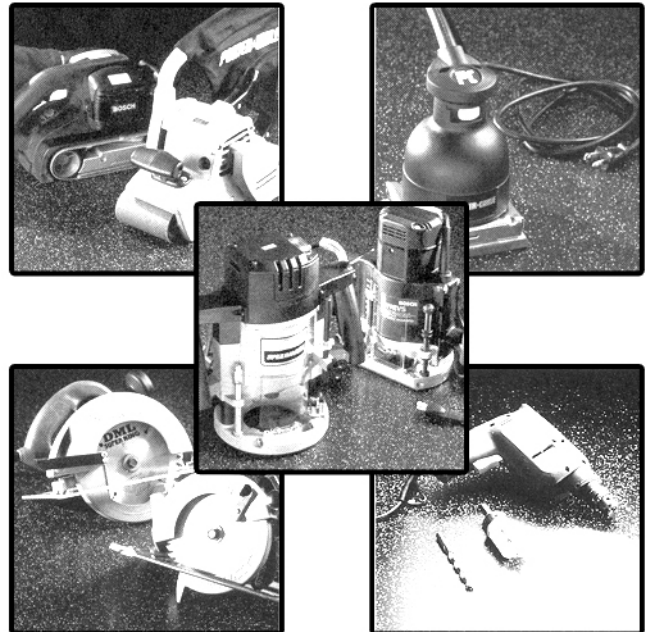
Consult previous chart for available components.

We suggest you make a "list of materials" you will need:

Bostik 1100FS Adhesive and Silicone Caulking materials.
 Scotch-Brite Wiping Pads-to clean the Solid Surface

Installation Tools and Supplies

The following tools and supplies are recommended, to install a tub kit:



Power Tools: *

- 1/2" Electric Drill, 1/2" Drill Bits, 1" Hole Saw
- Circular Saw with Carbide Tipped Saw Blades
- Belt Sander with 80 to 120 grit papers
- Router, 1/2" shank carbide bits, straightedge

Accessory tools:

- Caulking gun
- Saw horses and three 2" x 4" X 8' support rails

- ❑ Ordinary carpenter tools including file, scribe or pencil, compass, square, level, tape measure, hammer, nails, shims, extension cord, etc.
- ❑ Clean-up tools and supplies including masking tape, putty knife or caulk remover tool, denatured alcohol, wiping cloth, etc.
- ❑ Blanket, padding or commercially available tub protector, to protect tub from scratches
- ❑ Additional tools and supplies listed below are not required but can make the job easier and reduce installation time.
- ❑ Random Orbital (vibrating) sander.
- ❑ 1" x 1", or 1" x 2" wood bracing strips for wall panels.

Always wear, safety glasses when working with power tools.

Handling and Delivery to Job

We recommend wearing gloves when handling large sheets of Solid Surface materials to protect against cuts from sharp edges.

Before loading your truck, inspect and make sure Solid Surface sheets match and are in good condition.

Use a soft material such as carpeting or a blanket to protect the sheet and especially the edges from damage during delivery. Interleaf sheets with paper or cardboard to protect surfaces.



Protect Shower Kit materials during delivery

Wall Preparation

Cover the shower pan and wall panels with padding or a blanket to protect against damage and scratches.

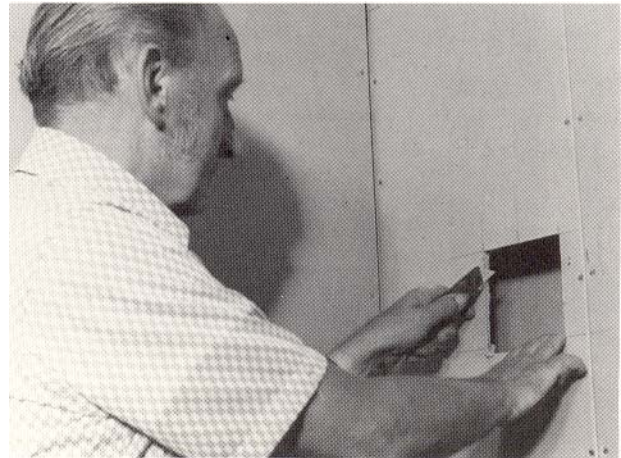
Verify the drywall materials installed provides 1/2" spacing between the bottom edge of the wallboard and the shower pan flange. If not, cut the wallboard with a utility knife to provide this gap.



Check 1/2" spacing

If specified, locate recessed soap dish position on the wall and cut an opening in the wallboard avoiding studs locations.

Wipe down the wallboard with an alcohol moistened cloth to remove dust which may affect adhesive bonding.



Make soap dish opening

Shower Wall Kit Installation

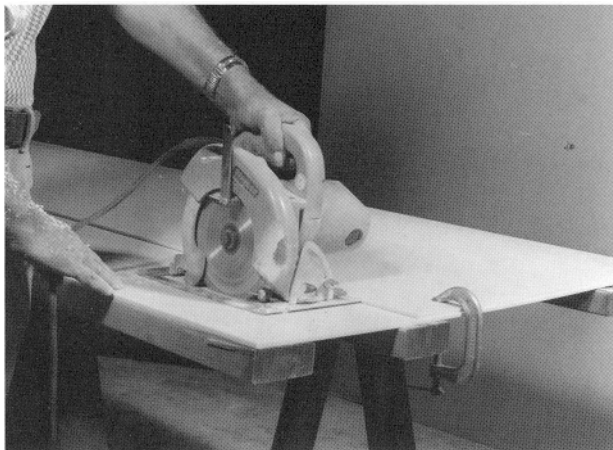
Install Ceiling (if applicable)

Measure ceiling. A typical installation may require single or two ceiling panels with a center batten strip.



Measure ceiling

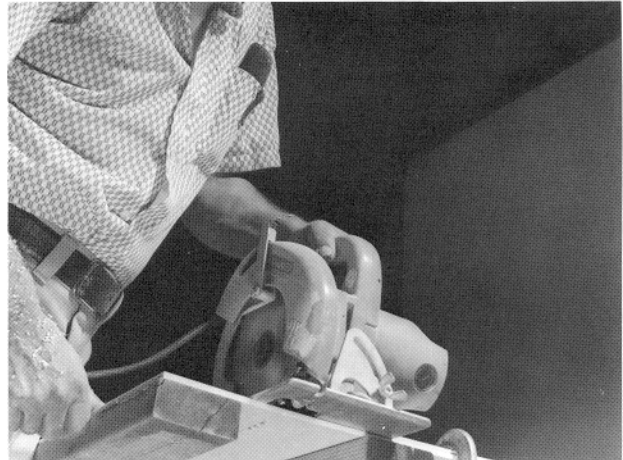
Place an **optionally** ordered sheet face up on the 2" x 4" support rails. Before cutting sheet, always inspect the face of the sheet. Mark the dimensions and clamp a straight edge to the sheet as a cutting guide.



Support Solid Surface sheet with 2" x 4" rail

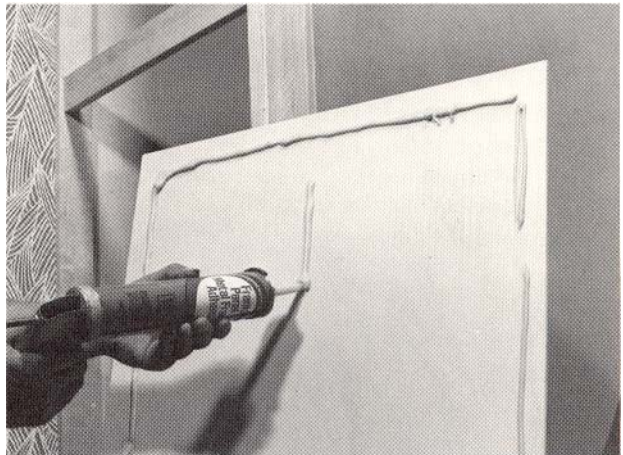
Rip a batten strip using a circular saw. Save strip for future use on two panel ceiling installation. Now cut the single or two ceiling panels and the ceiling batten.

Always use the third 2" x 4" rail to support the area being cut. The circular saw blade should be set to penetrate about 1/4" through the sheet material.



Saw blade should barely penetrate the Solid Surface material

Install ceiling panels using standard panel installation procedures. However, in the case of a ceiling, it is easier to apply the adhesive to the back of the sheet rather than to the ceiling. The ceiling batten will be installed later, if two-panel design requires.



Apply adhesive to ceiling panels



Cut and install ceiling panels

To hold the ceiling panels in place until the adhesive sets, tack a few nails into the drywall immediately below and alongside the panels. An alternate tacking procedure uses hot melt adhesive, which is ideal for ceilings. Cutting and use of 1" x 1" vertical bracing is also recommended.

Install First Side Panel

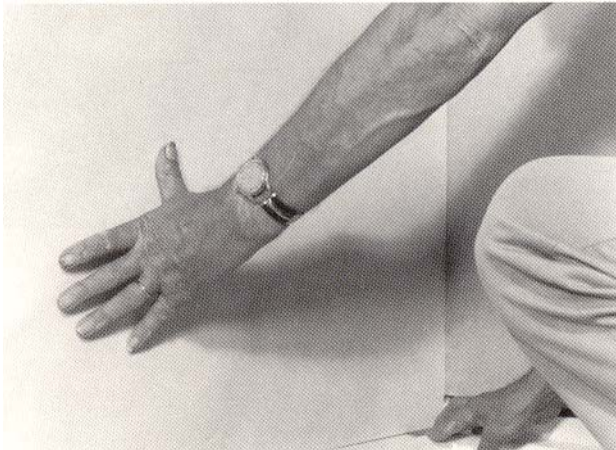
If design specifies, a full 30" or 36" wide sidewall panel can be installed onto a plumb wall surface. Start with the panel on the sidewall with the plumbing outlets. (If in your design, sheet is not full ceiling height, locate lowest point on pan ledge for first sheet installation.) Measure the floor to ceiling height and cut sheet to correct length.

With shims in place, measure and mark the location of the plumbing outlets on the face side of the sheet. Make the cutout holes 1/4" larger than required for the plumbing.

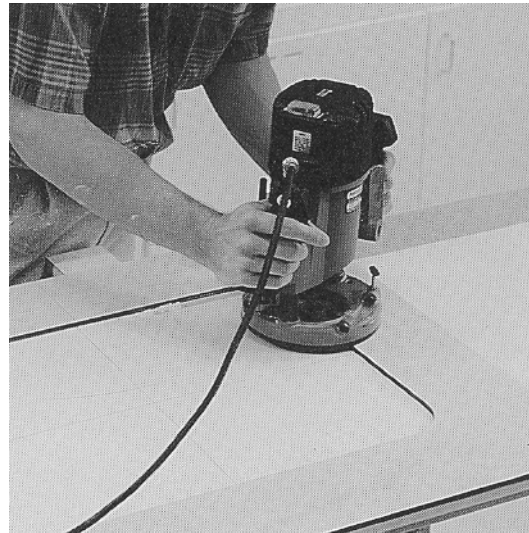
Make a starter hole with the drill and complete the cutout with a hole saw. Be sure to support the sheet on the 2" x 4" when cutting holes. File all cutout edges and corners. It is recommended that a router with carbide bit be used within a template for large cutouts executed within wall panels, and sheet materials.



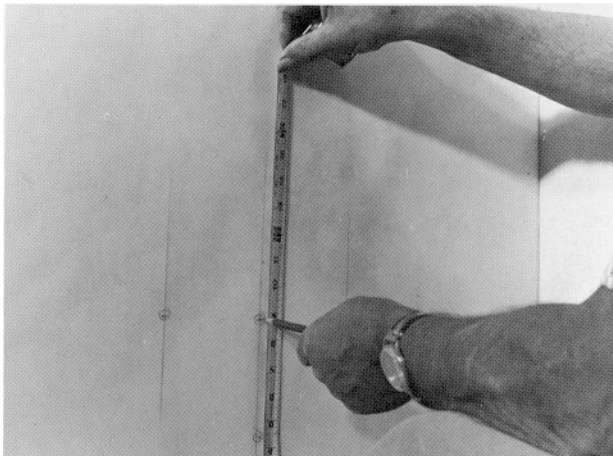
Cut plumbing holes



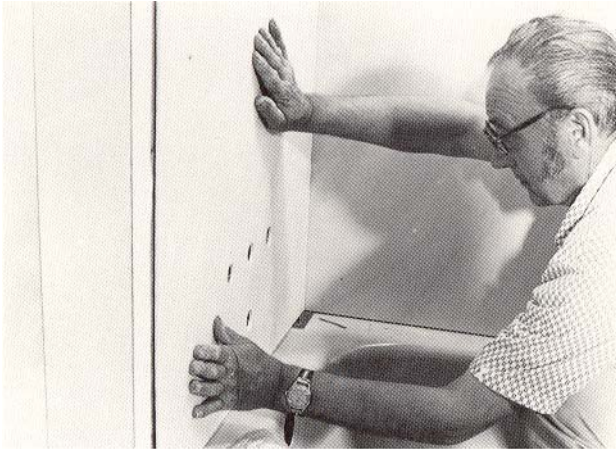
Use 1/16" shims between sidewall sheet and pan



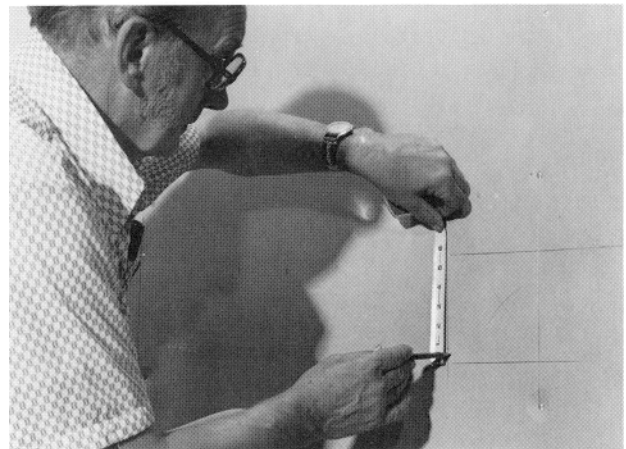
After completing the cutouts, file front and back edges smooth, and install the panel, following standard installation procedures.



Locate plumbing outlets



Install panel over plumbing outlets



Locate soap dish

If a recessed soap dish is specified within this panel, the cutout should be made. Check the exact location of the soap dish by measuring the opening in the drywall and transfer those dimensions to the front side of the back wall sheet material.

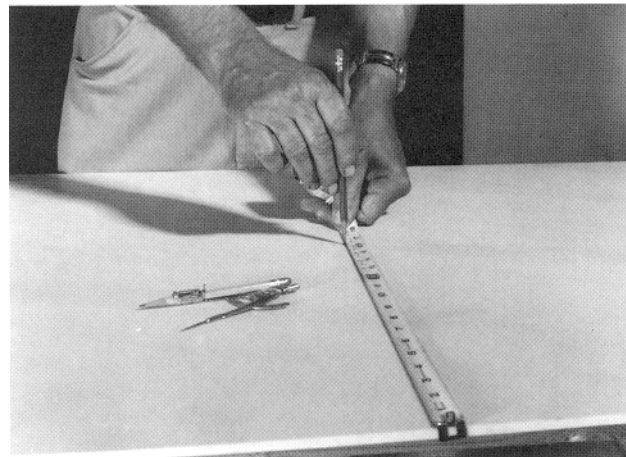


Install side panel

Install Second Side Panel

Install the second sidewall panel on the opposite wall following the standard procedures

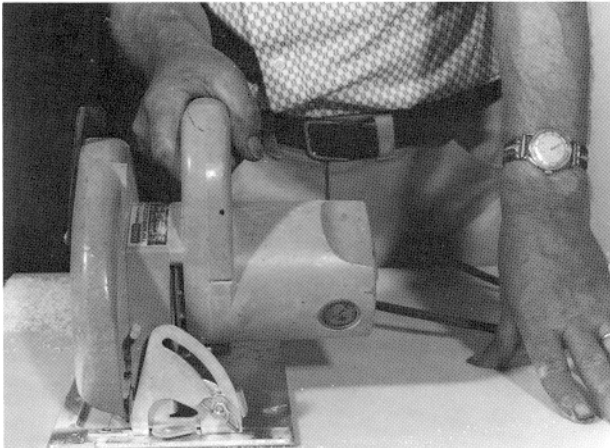
Next, if an optional recessed soap/shampoo holder is specified, locate the position on the wall. Cut an opening in the drywall board avoiding stud locations. If grab bars are specified, check the design to make sure they can be anchored to the properly located studding.



Locate soap dish cutout on panel

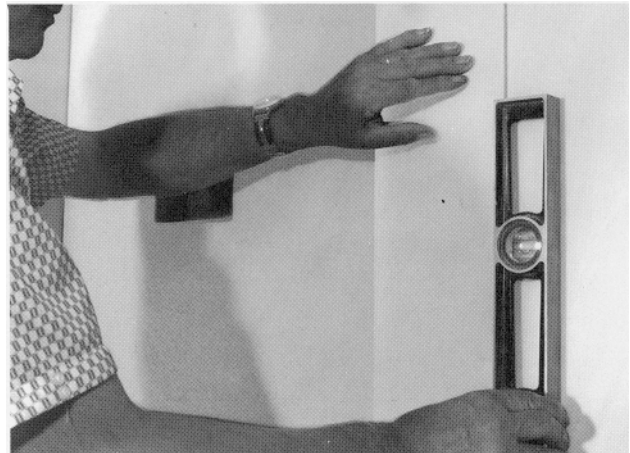
Install Rear Panel

Cut the sheet to the correct length and width for the back wall panel. Measure position for the soap dish and make cutout as described above.



Cut rear panels to correct length and width

Install panel, scribing and trimming as necessary.
Be sure to leave a 1/16" gap in the corner for Caulking.



Install rear wall batten



Leave 1/8" gap in corners for caulking

Installation of (2) Panel Rear Wall

The 60" shower receptacle requires use of (2) panels for rear wall. The precut Shower Kit provides (2) 29" x 72", 84" or optional 96" sheet materials. Cut and scribe the sheet to length and width as required for the right and left rear panels. Install as above. Verify a minimum of 1" space between rear wall panels to allow for expansion.

Install Rear Wall Center Batten

Take the 2" batten strip, trial fit and cut to length. Install the batten on the rear wall. The batten should overlap the sheets at least 1/2" on either side.

Aquasurf® Solid Surface Products

Shower Wall Kit Optional Trim

Aquasurf® Solid Surface Products offers an expanding line of optional trim accessories including inside corner trim and perimeter edge casing trim. Consult the Wholesale or Factory representative to secure materials.

Install Side Wall Casing Trim

To complete the sidewall installation, first cut trim to size creating a picture frame perimeter. Use panel adhesive to adhere the premanufactured casing. Attach to sidewall panel and adjacent drywall surfaces.

Install Ceiling Trim

The optional casing strips can be installed along the top edge of the wall panel sheets against the ceiling on all four walls. Cut the trim strips to length leaving a 1/16" space in the corners for caulking.

Apply a bead of adhesive to the back of the strips and press in place.



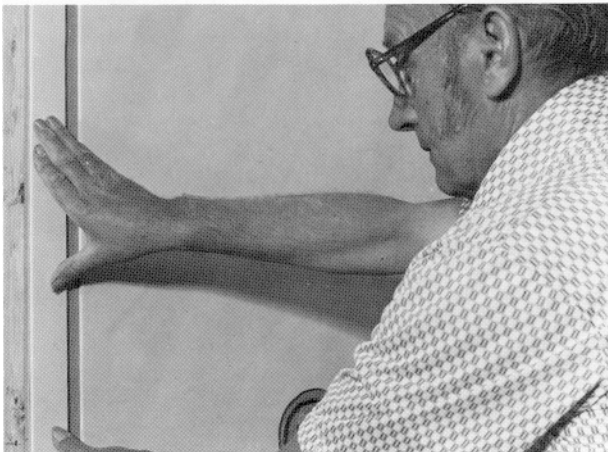
Install ceiling trim

Install Ceiling Batten (if applicable)

The ceiling batten should be trial fit and trimmed leaving 1/16" space for caulk at front and rear edges. Round the edges by sanding. Install using the same procedures as with the rear wall batten. Brace if necessary until adhesive sets.



Install ceiling batten



Install casing strips

The front edge of the casing strip should be flush with the front edge of the gypsum board.

Follow this same procedure for all the side, rear wall casing strips.

Install Aquasurf® Corner Trim

AS-ISCR	Inside Corner Overlay Trim (Coved Corner)
AS-IS-CV8	¾" Inside Corner (Coved) 1 1/4" x 1 1/4"

Aquasurf® Corner Trim is optionally available for final trim and finish. Trial fit and scribe as required to exactly match the vertical corners. Install the trim strips using both silicone sealant and panel adhesive. The custom shower installation is now complete except for cleaning and caulking.



Install casing strips



Install Corner trim

Final Cleanup and Caulking

Install fixtures, soap dishes, shower doors, etc. Carefully clean up and caulk following previously described procedures



Caulk all joints, corners and edges



CARE AND MAINTENANCE

Aquasurf® Solid Surface Products may be easily cleaned using conventional cleaning agents such as ammonia based liquid cleaner, (glass cleaner).

Dry stains on a matte finish can be removed with a 3M Scotch-Brite gray scouring pad or a mild abrasive cleaner.

Burns or scorches can be removed by sanding with coarse grit sandpaper followed by finer grit (220) sandpaper. Follow sanding with a 3M Scotch-Brite gray pad (or equivalent) to match finish of sanded area to surrounding area. A final buffing may be required on polished surfaces. Accidental nicks or chips can be repaired with special patch kits available in all Aquasurf® colors.

Avoid exposing Aquasurf® surfaces to strong chemicals such as acetone; paint removers, and sulfuric acid or hydrochloric chemical cleaners. **Prolonged exposure to strong chemicals may result in permanent damage to Aquasurf® surfaces.**

Aquasurf® Solid Surface

Shower Wall Systems

