



**Karran**<sup>®</sup>

INSTALLING ACRYLIC SINKS INTO  
POSTFORM LAMINATE COUNTERTOPS

## STEP 1



After removing the sink from its box, inspect closely for damage. Check both the rim and the corners of the bowls for any shipping damage. If the sink is damaged, call your Karran distributor immediately.

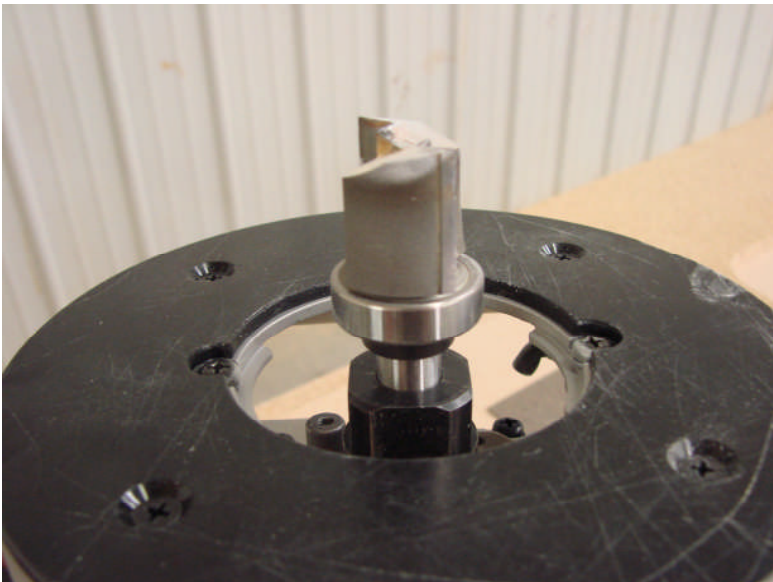
Cut a piece of particleboard approx. 21" wide to use as a work surface. Lay this on a work bench then place your postform top upside down on the surface. Pay attention to the non-drip edge and make sure the top is lying flat.

## STEP 2



Screw your outer and inner templates onto the back of the countertop in the position where the sink is to be located. The outer template is 1/8" larger than the sink and the inner template is approximately 2-1/2" smaller.

## STEP 3



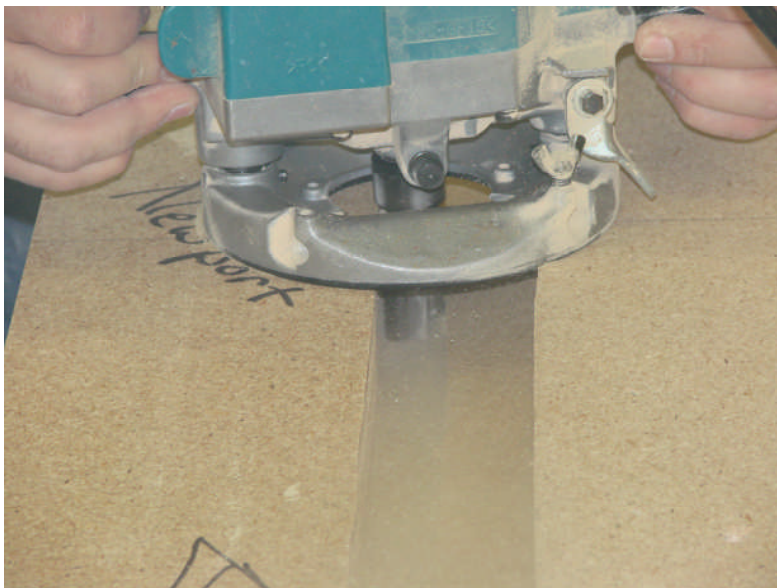
Place a 1" to 1-1/8" wide pattern bit with top bearing into an adjustable plunge router. The length of the cutting face should be approximately 1".

## STEP 4



Place the base of the plunge router onto a piece of substrate placed on the edge of the template. Lower the bit until it touches two pieces of laminate placed on the back of the countertop. Lock the router in place.

## STEP 5



Run the router bit around both the outer and inner templates removing all but a thin layer of wood from the back of the laminate.

After the initial pass, use a sharp chisel to dig into the remaining substrate to determine the thickness of the remaining layer of wood.

## STEP 6



If you feel more wood can be removed without cutting into the back of the laminate, adjust router depth accordingly and make another pass around templates.

## STEP 7



After the routing process has been completed, you will be left with a 2-1/2" wide channel with a thin 1/16th or less layer of wood remaining on the back of the laminate.

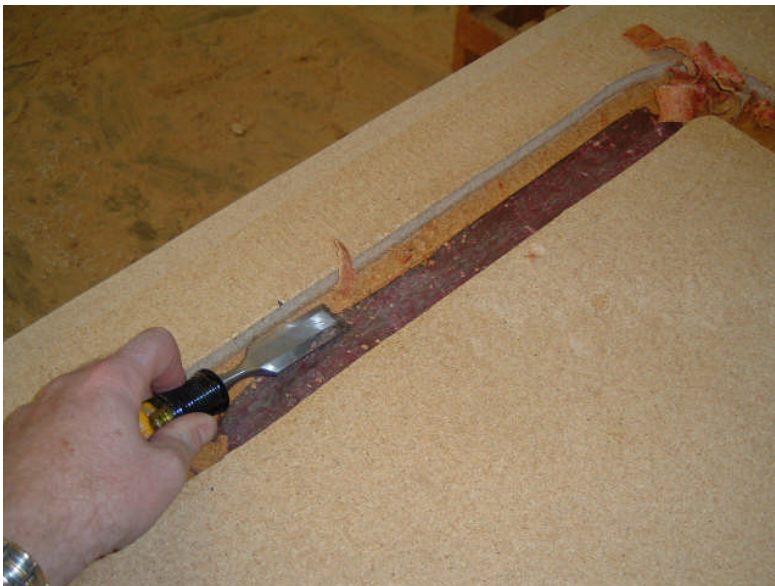
## STEP 8



Apply a solvent such as lacquer thinner, toluene or acetone into the channel. Pay careful attention to apply in moderation. Apply along the inside edge of the channel and let it soak towards the outside. Too much solvent on the outer edge may cause delamination.

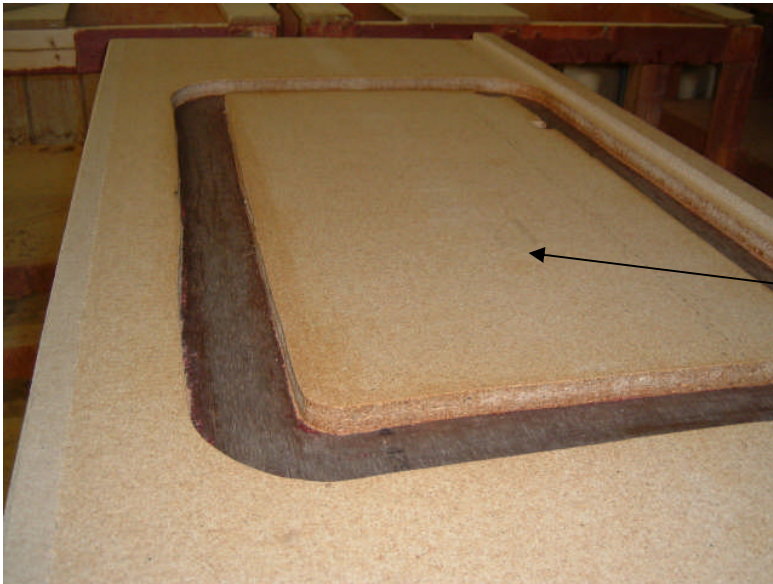
After the solvent has had time to soak into the thin layer of wood, begin chiseling.

## STEP 9



Use a sharp chisel to scrap the remaining wood layer off the back of the laminate. Remember to keep your chisel level so that you do not dig the corner of the chisel into the laminate.

You may use a 1" wide chisel as shown here but often a 1/2" wide chisel provides better control and is actually quicker.

**STEP 10**

After chiseling has completely removed all the wood, use a solvent and rag to thoroughly clean laminate. A wire brush can be used to help remove adhesive.

You may prefer to use a trim router to remove the inside wood section at this point.

Wipe the back of the laminate and the rim of the sink with a denatured alcohol.

**STEP 11**

Prepare a tube of Karran solid surface seaming adhesive. Purge tube before applying tip and squeeze one full tip of adhesive onto a scrap surface prior to beginning application onto the sink. Apply the solid surface seam adhesive. The bead should be applied close to the inner front edge of the sink, and should be 1/4" to 3/8" in width.

Karran Bisque adhesive is recommended on all Bisque sinks and White adhesive is recommended on all White sinks.

**STEP 12**

After placing the sink into the cutout on the back of the laminate, place some weight on the bowls of the sink while the seam adhesive cures. About 5lbs to 10lbs per bowl is plenty.

Allow to cure for 30 minutes without moving.

## STEP 13



Screw or glue and staple your wood support strips around perimeter of sink.

Before fastening supports, slide the support from the substrate over the sink rim. If it hits then the rim is higher than the substrate and should be sanded down with a belt sander until it is flush. If the sink rim is low, then apply some Bondo onto the underside of the rim prior to fastening supports. Making sure the underside of the rim is flush with the substrate by either sanding or applying a filler like Bondo is crucial to reducing telegraphing.

## STEP 14



Flip the countertop over and begin the routing process. Use a tilt-base trim router with a 1/4" straight cut bit with bottom bearing. Adjust router base angle to 8° to 9°. Run the router around perimeter of sink, remembering to twist the router base in the sink corners. A standard router with Karran's 10° Bevel Bit may also be used.

When the router bit is correctly set, it will cut very slightly into the acrylic bowl wall, removing all of the laminate.

## STEP 15



Sand the edge of the laminate and sink wall with a palm sander. Use a 150 to 220 grit sandpaper. Finish by buffing the sink wall with a 3M Scotch-Brite pad.



After sanding, the edge of the laminate will be sharp. Use a file at a 45° angle to soften the edge of the laminate.

Remember to install the Faucet Hole Seal Rings or provide them to the plumber for installation.



## TOOLING LIST

- Tape measure
  - Pencil
- Pre-made template
- Adjustable plunger router
- 1" wide pattern bit with top bearing
- Lacquer thinner, toluene or acetone
  - 1/2" to 1" wide sharp chisel
    - Denatured alcohol
    - Clean rags
- 10:1 Seam adhesive applicator gun
- Solid surface seaming adhesive
  - Bondo
- Belt sander with 50 or 80 grit sandpaper
  - Wood glue
  - Staple gun
  - 1-1/4" staples
  - Tilt-base trim router
- 1/4" Straight cut bit with bottom bearing or Karran's 10° bevel bit with oversized bearing
  - Palm sander
  - Sandpaper - 150 to 220 grit
  - Flat and half moon files
  - 3M Scotch-Brite pad