



Karran[®]

INSTALLING EDGE SINKS
IN LAMINATE COUNTERTOPS
USING THE BONDO PROCESS

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.

STEP 2



Mark the sink center line on the particleboard substrate of your countertop. Next mark a line 2" to 2-1/2" back from the front edge of your countertop. Locate the sink upside down on the substrate with the front outer edge of the sink on the line and centered on the sink centerline marked on the countertop.

Always take into consideration the specific circumstances of each installation relating to cabinet and plumbing placement.

STEP 3



Trace the outline of the sink onto the substrate. Hold your pencil vertically so that the cutout line is offset by about 1/8".



STEP 4

Use a jigsaw and make your sink cutout. Cut on the line.

If you have a pre-made template, you may use this along with a router and the appropriate pattern bit.



STEP 5

Lay your laminate over the substrate, which has been cut to size with your standard overhang around the perimeter. Trace the sink cutout onto the back of the laminate.

This is done so that when you spray your contact adhesive in Step 11, you can cover this marked area with the sink cutout to prevent contact adhesive being sprayed on this area.



STEP 6

Flip countertop over then screw in or glue and staple wood support strips to the underside of the opening. Make sure they overlap the edge of the cutout by 1/2". Flip the countertop over.



STEP 7

Using a straight edge or square, check the height of the sink rim. It must not be lower than the substrate. Take your time to make sure the sink is level with the substrate or slightly higher than the substrate. You can place thin strips of vertical grade laminate between support board and underside of sink rim to raise the rim where needed. Alternatively use screws through the support boards and tighten as need to adjust sink height.



STEP 8

Fill the gap between the sink rim and the substrate with Bondo. Make sure your sink remains centered in the cutout when applying the Bondo. Allow to cure until hard, about 15 minutes.



STEP 9

Belt sand the rim of the sink and the Bondo until it is all level and flush. Use a coarse grit sandpaper like a 50 grit.

STEP 10



Check for level (low or high spots) after sanding has been completed. Make sure the inside wall of stainless steel sink is not raised. Ensuring a flat and level substrate and sink is important for a quality installation.

STEP 11



Place the sink cutout over the marked area on the back of the laminate. This protects the area where the sink will attach from contact adhesive. Spray contact adhesive onto the back of the laminate.

STEP 12



Place the sink cutout over the sink. Spray substrate with contact adhesive.

STEP 13



Wipe the sink rim thoroughly with denatured alcohol and a clean white rag.

STEP 14



Prepare a tube of Karran Solid Surface Seam Adhesive. Purge tube before applying tip and squeeze one full tip of adhesive into a garbage can prior to beginning application onto the sink. Apply 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 Brown adhesive is recommended on all Edge sinks.

STEP 15



Apply the laminate to the substrate.



Roll the laminate with a J-roller.



Place one or two pieces of substrate over the sink area while the seam adhesive dries, about 30 minutes.



Trimming the laminate back to the bowl wall should be done with our Karran 10° Bevel Bit with oversized bearing (bearing 1/8" oversized). Start with the router bit set high in the router (bearing running just below the laminate). Make a pass then adjust the bit slightly lower and make another pass around the perimeter of the bowl. Repeat this process until the router bit is cutting as close to the bowl wall as possible without touching it.



STEP 19

Removal of the last remaining overhang of laminate and seaming adhesive may be accomplished by hand filing. Use an assortment of files including flat, round or half moon files to hand file the edge of the laminate until it is flush to the bowl wall.



STEP 20

Final touch up of the laminate edge can be accomplished with a fine grit sandpaper (180/220 grit). This also assists in removing scuffs and scratches that may have occurred during the filing stage.

Remember when using abrasives on the sink to always sand with the grain lines, never against the grain lines. When removing deeper scratches, always start with a coarser grit sandpaper then move to a finer grit sandpaper.



STEP 21

A non-woven flap wheel available from Karran works well for final buffing and finishing. Keep the flap wheel level as you go around the perimeter of the sink. Do not move up and down.



Polishing paste available from Karran along with a maroon 3M Scotch-Brite pad polishes and finishes the sink wall if needed.



After drilling 1-1/2" faucet holes, place a bead of silicone around the wall of the Faucet Hole Seal Rings and slide into the faucet holes. This will ensure your particleboard is completely sealed from possible water penetration should the faucet leak.

TOOLING LIST

- Tape measure
 - Pencil
- Straight edge or square
 - Jig saw
 - Wood glue
 - Staple gun
- 1-1/4" staples
 - Bondo
- Bondo applicator pad
 - Belt sander
- 50 grit sanding belts
 - Denatured alcohol
 - Clean rags
- 10:1 Seam adhesive applicator gun
 - J-roller
- Adjustable plunge router
 - Karran 10° bevel bit with oversized bearing
 - Files
- Sandpaper - 180 to 220 grit
 - 3M Scotch-Brite pad
 - Polishing paste
- Brown solid surface seaming adhesive with mixing tip
 - J-roller