

INSTALLATION PROCEDURE

Epoxy resin countertops are custom fabricated from your shop drawings, including sink cutouts, drillings and special cutouts. Each piece is numbered and should be installed exactly as per the shop drawings, to minimize normal variations. Tolerances in thickness and warpage (due to the very nature of resin) are held to a minimum, and are easily corrected in the field by shimming or sanding. **Note: Sanding of the top surface is not recommended.**

Epoxy resin tops should be cemented together using a black epoxy adhesive (in some instances, where flexibility is most important, a silicone adhesive should be used. This will facilitate breaking a joint for top replacement). The epoxy adhesive will set firmly, and breaking this bond is extremely difficult. Be sure the room temperature is 60° or warmer for better results.

The surface to be joined should be clean and free from coatings, dust or dirt. We recommend using acetone or lacquer thinners to wipe those edges in question. If a reduction in ultimate clean up time is desirable, masking tape can be used to mask adjacent areas, then removed after final cementing.

Lay out the whole item before cementing. Shim where necessary, clamp and align all pieces carefully. Leave 1/16" to 1/8" between pieces at joints. Using a putty knife or plastic spreader, push the cement into the joints and smooth out. Wipe away any excess cement with a cloth moistened in cold water and then remove masking tape.

After a period of 1-2 hours (longer if colder than 60°) the joints can be dressed up. Let set overnight, for a bond of sufficient strength. It may be necessary to apply additional cement after the first application, as it sometimes shrinks in the joints. We recommend a thorough cleaning of the tops with detergent and water. If building construction is still in process, cover all tops with a suitable material to protect.

BONDING OF BENCH TOPS TO CABINETS

Epoxy adhesive or silicone is recommended. The area to be bonded on both the furniture and the underside of the top should be sanded with coarse sandpaper. As before, dust should be removed with acetone or lacquer. The adhesive may be applied to the tops and cabinets and fixed in place at the same time tops are being bonded together.

FIELD FABRICATION

If necessary, emergency field cuts can be made using a carborundum abrasive blade (masonry type). If the piece to be cut produces an exposed edge, it can be cleaned up with abrasive paper and then dressed with an oil based product (i.e. WD-40). Service holes can be drilled using a carbide masonry drill, which will require frequent sharpening. Diamond tools are recommended for best results.

NOTE

Due to the very nature of resin, tolerances in thickness and minor warpage can develop. It is not uncommon to have a 1/8" warp in a 4 feet, or 1/16" difference in thickness. Careful installation when aligning sections is recommended, we emphasize the importance of installing all tops in numerical order. Prime assumes no responsibility for the removal of material that has been cemented in place.

