



IGA GUIDE TO Kolortuff™ GLASS COUNTERTOP AND BACKSPLASH INSTALLATION

Lower Cabinet Preparation for Glass Countertop: An underlayment sub-top should be produced from $\frac{1}{4}$ " to $\frac{1}{2}$ " plywood and mounted flush inside the cabinet. This allows a solid surface to apply the coated glass and eliminates the need for any return or trim-work on the face of the cabinet. It also provides for a sleek, contemporary look. Under-mount sinks must have a "cradle" built inside the cabinet to support the sink. Depending on its thickness, an expanse of glass can be quite heavy. Be sure that the cabinets or supporting structure will withstand the weight.

Notches, Holes, Sink Cutouts and Electrical Cutouts: Polished oval and round sink cutouts for bathroom vanities are standard, however any polished rectangle or shape cutouts must have a minimum of a 2" radius on the polished inside corner or contour. Any hole or cutout must be a minimum of 2" away from the edge of the glass. Ground Edge notches and inside corner notches are available with a minimum of a $\frac{3}{8}$ " radius on the inside corner. Be sure your rectangular drop in sink or cook-top will clear these radius corners. If a 90 degree inside corner is required, such as fitting a backsplash around upper cabinets, the glass should be produced in two pieces and butted together around the cabinet, or the $\frac{3}{8}$ " inside radius must be carved from the backside of the cabinet in order for the glass to fit flush. Any polished inside corner or inside contour of a shape must be a minimum of a 2" radius in order to produce, such as the inside corner of an L-shape countertop. Electrical cutouts must be clearly marked, and must also allow for $\frac{3}{8}$ " inside radius corners.

Templates: An Autocad .dxf file is preferred, but hard patterns showing placement of each hole, notch or cutout are acceptable. If any design cannot be produced due to material size or equipment restrictions, you will be advised as soon as possible to determine the best feasible solution for your desired design. A minimum of $\frac{1}{2}$ " overhang is suggested on the front edge of the cabinet, and a maximum overhang (such as for a seating area) cannot exceed one third of the overall size of the width or length of a countertop. Glass tolerances are $+0/-1/8$ ". A $1/8$ " gap should be allowed where the glass surface meets a wall, and a minimum of a $1/16$ " gap should be allowed between seams. Necessary seams can be filled with non-sanded grout in a matching or contrasting color. Seams can also be filled with clear silicone.

Installation: Any acid free silicone can be used in the adhesion of Kolortuff™ countertops or backsplashes. Dow 795 caulking is recommended. The desired spot application is quarter size diameters spaced approximately 12-18" apart on the wall or substrate to which the glass is being mounted. Avoid bumping any edges of the glass panels during installation. A qualified glass professional should be utilized in the installation of any glass product.