

Integrating an Undermount (“S” mount) Corian® Bowl to a Zodiac® Countertop or Vanity

Z-2006-004

Overview

This Technical Bulletin describes a fabrication technique that can be used when integrating an undermount (“S” mount) Corian® bowl to a Zodiac® Quartz Surfaces countertop or vanity.

Safety

Always wear proper personal protective safety equipment when handling, transporting, cutting, grinding, sanding, or polishing Corian® and Zodiac®. Personal protective equipment includes, but is not limited to, gloves, safety shoes, respiratory protection, and protective eyewear. Proper care should be taken when lifting Corian®, Zodiac®, and Corian® bowls as these products are heavy and awkward to lift.

Instructions

- 1) Fabricate the cutout for the Corian® bowl in the Zodiac® top. Allow 1/32” more in the cut than the inside flange measurement of the bowl. The adjustment allows for sanding the Corian® bowl flush to the Zodiac® edge in a later step.
- 2) Touch up any rough edges around the cutout with medium sandpaper or 800+ grit diamond hand pad. Note: If making the bowl cut using a CNC router, most CNC tooling will provide an adequate cut and no touch up will be necessary.
- 3) Grind, flat and true, the back side of the Zodiac® top in the area to be glued (approx. 2” width around the cutout). A medium grit diamond cup wheel or similar tooling can be used to achieve this. Cut several small grooves around the glue area of the Zodiac® to aid the adhesion.
- 4) Apply Corian® joint adhesive to the bowl flange. Attach the bowl to the Zodiac®, centering the bowl to allow for the 1/32” adjustment. Apply clamps to hold bowl in position.
- 5) Remove excess Corian® joint adhesive and allow remaining adhesive to cure. Secure bowl with mounting clips as described in Z-1 (Technical Bulletin Z-2006-002).
- 6) After adhesive has properly cured, sand the Corian® bowl using a random orbital sander with 220 grit paper. Sand the bowl until it is flush with the Zodiac® edge.
- 7) Complete finishing of the Zodiac® edge on the inside of the bowl using standard Zodiac® polishing techniques. Care should be taken to avoid contacting the Corian® bowl with the more aggressive diamond pads.
- 8) Mask off the polished Zodiac® edge with masking tape. Finish the Corian® bowl to the proper matte finish using a scotch brite pad. Take care not to damage the polished Zodiac® edge.

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Integrating an Undermount (“S” mount) Corian[®]
Bowl to a Zodiaq[®] Countertop or Vanity

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For additional information please contact DuPont Building Innovations technical service group at (302) 999-5662.

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