

Covering Laminate with CORIAN®

This bulletin describes how to cover existing laminate surfaces with CORIAN® solid surfacing. *This procedure is to be used only when no hot, cold or moist conditions are present.* “Hot” means above 120°F and “cold” means below 50°F. Typical applications include, but are not limited to, serving counters, condiment stands, dining tables, reception counters, ATM counters, etc.

1. Checking the support

There should be no more than $\frac{1}{8}$ ” deflection when a 300-lb. load is placed on the existing counter. Add legs or other support as required to prevent excessive deflection.

2. Preparing the laminate surface

Clean the surface with soap and water or a commercial cleaner to remove dirt and grease. Check that the laminate is flat within $\frac{1}{8}$ ” and well adhered to the substrate. Nail or screw any bubbled, warped, or loose areas. Sand any bumps exceeding $\frac{1}{16}$ ” to provide a flat surface for the CORIAN®.

3. Fabricating the CORIAN® cover

Follow typical procedures outlined in the CORIAN® Fabrication Manual and all applicable Technical Bulletins. The cover can be a single thickness

or can have a thick edge buildup on one or more edges to conceal the existing laminate surface. Provide at least $\frac{1}{8}$ ” of clearance between the thick edge and the existing laminate edge to prevent edge failure if the laminate top expands. Refer to drawing LAMCOVER for additional details. The CORIAN® top can have seams. *For this application*, no reinforcements are needed for either shop or field seams. Also, the laminate top is considered to provide “seam support” for all shop and field seams. Allow $\frac{1}{8}$ ” expansion room for each end of the cover that will butt into a wall.

4. Installing the CORIAN® cover

Install the CORIAN® cover in one or more sections. Leave $\frac{1}{8}$ ” expansion room between the cover and each wall. Field seams can be made where desired (see H-26278 if overhangs are involved). Place dabs of silicone sealant 12” to 18” apart to adhere the CORIAN® top. Finish as described in CTDC-136. Be sure that all exposed edges have been eased to avoid customer injury.

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