

# Gilasi Care and Installation

Gilasi surfaces are maintenance free and easy to clean. For routine cleaning use Murphy's Oil Soap or any other mild soap or household cleaner and a dish rag, sponge or White Scotch pad and wipe up spills as they occur. For stubborn or dried on deposits use a cleaner/polisher like Barkeepers friend or Bon Ami with a sponge or damp cloth and rub in a circular motion. Bleach, harsh chemicals or abrasives are not recommended for cleaning. Gilasi surfaces are heat and scratch resistant but we recommend using trivets and cutting boards to avoid excessive wear.

## General Fabrication Instructions for Gilasi

- Gilasi cuts and tools like natural stone with wet saws and diamond pads. Sink cut-outs need to be rodded both front and back. Layout should be done to maximize slab utilization.
- Use color-matched or clear, knife grade-type epoxy, and fill noticeable voids in edges after cutting.
- **Polish edges to a 200 grit. Finish with a Gray Scotch Brite non-woven fine grade silicon carbide disk or comparable brand.**
- Perform standard installation seam bonding, color matching the epoxy tint to the slab.
- Slabs need to be stored inside on edge and clamped together.
- **The fabricator must inspect the sheet for damage or defects before fabrication.**
- **The fabricator must inspect the sheets for proper color match of sheets to be used on the same jobs before fabrication.**
- **Proper stone working/diamond tooling must be used for cutting, shaping, and polishing Gilasi**
- **Lamination of Gilasi Surfaces should be done using 2-part epoxy adhesives.**
- **Inside corners without a seam require a minimum of a 1/4" radius to reduce inside corner stress.**
- **Inside corners created using 2 pieces utilizing a butt-seam, European seam, or similar style seam do not require inside radius.**
- **Top and bottom edges on straight runs, and cut-outs should be rounded over or chamfered to a minimum of 1/16".**
- **Outside corners should have a minimum radius of 1/8"**

## Cutouts in Gilasi

- **Radius cut-outs are recommended but square cut-outs are permitted as long as saw-cut in corners does not extend beyond**

the corner. Saw-cuts that extend beyond the corner of the cut-out must be completely filled with 2-part epoxy to prevent cracks.

- A minimum of 1/8" clearance must be used around any appliance, cook-top, and sink for expansion.
- Cut-outs require support on all sides within 3", no closer than 1" on heat producing cut-outs to avoid trapping heat.
- The use of Nomex heat tape is recommended on cut-outs around heat producing appliances.

### **Rodding**

**\*Rodding should be used on overhangs 6" or larger, sink fronts and over dishwashers or other appliance gaps in the substrate.**

### **Undermount Sink Specifications**

- Under-mount sinks less than 10 lbs can be mounted using a full bead of silicone and under-mount clips or brackets.
- Under-mount sinks exceeding 10 lbs (example-under-mount cast-iron) must be mounted using cradles or brackets attached to the cabinets.
- Integrated solid surface bowls can be adhered directly to the underside of Gilasi Surfaces using solid surface adhesive in combination with under-mount clips or brackets.

### **Installation requirements**

- Gilasi Surfaces are not recommended for exterior installations
- Cabinets should be flat and true within 1/8" over a 10' span.
- Gilasi Surfaces should not be installed on any cabinet or base that cannot support a minimum of 28 lbs per square foot.
- For Gilasi Surfaces installed between walls a minimum of 1/16" gap is required at each end. For appearance the gap can be caulked with a flexible adhesive.
- Gilasi Surfaces should be fastened to cabinets or base using dabs of flexible adhesive. Never rigidly adhere Gilasi Surfaces to other materials such as wood, steel, etc.
- Never install mechanical fasteners (screws, nails, bolts, etc) directly into Gilasi Surfaces.
- Never install Gilasi Surfaces over existing countertops.

### **Fabrication and Installation**

**For structures with support on 4 sides and depths:**

- **Less than 26", outer perimeter support is sufficient (maximum length is 107")**
- **Greater than 26", additional front to back support is required every 36" in addition to the outer perimeter support.**

**For structures with support on 3 sides:**

- **Less than 26" deep, additional support is required at widths greater than 36".**
- **Greater than 26" deep, additional support is required at widths greater than 24". Cabinet overhangs (e.g. snack-bars):**
- **Less than 15" no support required**
- **Overhangs over 6" use corbels evenly spaced at no greater than 24-inch intervals.**

### **Seaming**

- **All seams must be completed filled with a color matched 2-part Epoxy adhesive**
- **Seams must be supported on both sides of the seam, both front and back.**
- **Seaming over a dishwasher is not recommended and should be avoided.**
- **Seaming thru a heat producing appliance (e.g. cook-top, pasta boiler, etc.) is not recommended.**

**Seam appearance is not a warranty issue. Recommended seam width is less than 1/16"; recommended height mismatch is less than 1/64"**