

DELUXE STONE REPAIR KIT INSTRUCTIONS

Repairing small chips and pits in polished and honed granite-

First: Start by figuring out if the repair can be filled with a clear thin coating application or does the repair involve a deeper- larger fill. Usually the small, tiny repairs can be filled with just CA by itself. The larger deeper repairs need to be filled first with the Last Patch Gel and then top coated by the CA thin for a high polish.

Scratches and small pits: This repair involves the CA glue within the kit. If the surface is flat you can use the CA thin and refer to the "Scratch Repair Instruction". If the repair is needed on a vertical area around the bowl or on the granite edge, use the CA gel glue. The gel will need to be applied in layers. Apply a thin coat, spray with activator and apply another coat until it is 1/32 inch above surface of stone. Use the "Scratch Repair Instruction" for removing CA and polishing.

Larger deeper fills:

Polished: This repair involves coloring the Last Patch Gel to the base color of the granite or prominent color. Part "A" may be tinted with the liquid Touchstone™ colorants in the kit before Part "B" is added. Start out with a lighter shade of the color you are attempting and gradually work your way up to your color. Adding other colors to the mix can dramatically change the color- so using a tooth pick sometimes helps for small amounts. The Powdered Tints in the kit are ideal for using with very translucent stones. Take a small amount of the Last Patch Gel part A on a mix stick and dab it into the colors needed until you are comfortable with your translucent color. The Powdered Tints are not intended to create opaque colors. If you are using travertine or need an opaque color – use the liquid tints in the kit. The Stone Dust in the kit is used as a filler/ thickener for more rigid patches or creating variation in the patch surface for aesthetics. Refer to the color wheel when trying to change colors or shades back and forth through the color spectrum. Once you get your color needed for the repair, take a portion of the color and mix in an equal amount of part B on a piece of cardboard. Mix thoroughly for 30 seconds. Add a drop or two of accelerator and mix again for 15 seconds. Apply immediately to the patch area. Remove surface material so the Last Patch is just below the surface of the granite. Optional: Mix in more pre-colored Last Patch Gel for variation in veining or peppered features of the stone. Again keep the material below stone surface or razor-blade flush.

Honed: For honed surfaces dry grinding with 80 grit to 120 grit pad or razor blade after the Last Patch Gel sets up. For a smooth, honed look finish with 300 to 400 grit wet sandpaper without using water.

Structural Epoxy Cartridge: This kit includes the Touchstone Express II Flowing Epoxy

Hollow tiles: Drill a 1/8 inch hole in the grout around the loose tile and drill another hole for air release on the opposite side of tile. Place a 2 inch square of duct tape over the holes and make a small cut in the tape over each hole. Assemble the cartridge in the adaptor and place it in a caulk gun. Attach the nozzle to the end of the cartridge and place into hole. Apply low pressure until resin penetrates cracks and comes out the other hole. Release trigger and let epoxy cure. Fill in the holes with the instructions listed above.

Re-attaching Broken Stone: Clean both sides of stone with acetone before applying epoxy. Dispense epoxy into a mix cup without the mix nozzle. Add colorant if needed. Mix the epoxy for 30 seconds and apply to the bonding area. Clamp or secure the stone and press tight. Clean up epoxy on the surface of stone with acetone before the epoxy sets up. If the bonded joint needs touching up or filling, use the above patching instructions. Refer to the Touchstone Express II data sheet for additional information.

* Note: Color Wheel included for custom color matching