

POLYMER CONCRETE, INC

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Tombstone Repair Kit Directions:

Watch video at www.polymerconcreteinc.com (formerly www.tombstonerestoration.com)

Recommended Tools: wire brush, hatchet, level, paper towels, 91% rubbing alcohol, paint brush, putty knife, disposable gloves, surface to mix on, spoons and craft sticks

Preparation:

- Locate all pieces of headstone
- Carefully check if it will re-assemble vertically (dry stack). If stone must be repaired laying flat, use plastic (trash bag, visqueen, etc.) over surface. Epoxy will adhere to wood but not plastics.
- Clean all surfaces to be bonded with a wire brush (keep these scrapings for later use as a dry rub to apply on finished repair for color matching)

Mixing:

- Scoop out 2 equal piles of epoxy putty onto plate
- Scoop out 1 equal pile of hardener putty next to them
- Mix with stick until well blended
- If filling in large holes or missing pieces, thickener may be added (thickener included by request only)

Coloring:

- For white repairs, use TiO₂ (more gives better UV protection)
- For black, use marble black (more also gives better UV protection)
- For gray, mix in small amounts of both white and black to desired shade of gray
- For red to pink granite, use very small amount of red & add white to desired shade (Red Pigment included by request only)
- Universal pigments from paint suppliers will make any color (you won't need much)
- For textured colors, pigments can be applied as a dry rub as well as the scrapings you clean off

Applying:

- Stir paint brush in ready to use putty and scrub into all surfaces to be bonded (both sides)
- Apply an even thin layer of putty with putty knife
- Place and align pieces
- Remove excess putty that comes out with putty knife (reuse elsewhere)
- Wipe off thin films with 91% alcohol saturated paper towel (Isopropyl 91% alcohol can be found in the first aid section of Walmart, CVS, & other pharmacies. 70% will work but not as well)
- If replacing missing sections, 91% alcohol can also be used to smooth the surface of new repair

NOTE: Epoxy works best above freezing temperatures and stone must be free of moisture. Allow 24 hours cure time before moving a stone. Repair will get stronger as it ages.



As with all epoxies, protect your skin and eyes and use in well-ventilated area.
