

### CORCHEM® 100 UNIVERSAL REPAIR

**GENERAL** Proprietary advanced technology of multifunctional novolac resins reacted with a modified cycloaliphatic amine curative. The polymer structure is extremely tough with excellent adhesive properties and is reinforced with laminar flake pigments. C100 is a high performance repair material designed to provide penetration, wetting and sealing of substrates and surfaces, which will be exposed to severe chemical and physical environments. It is formulated to be extremely adhesive, hard, impact and abrasion resistant. Temperature resistance up to 300°F depending upon the individual exposure.

**USE** CORCHEM® 100 is a 100% solids heavy-duty material designed for the repair of holidays, pits, and voids. It is intended for use in both field and shop operations. The principal use is for holiday repair of corrosive problem areas encountered in oil field production equipment, industrial and chemical manufacturing facilities. C100 is self-priming to steel, concrete, and most substrates and poorly prepared surfaces. Suitable for use with solvent bearing and solventless epoxies, novolacs, vinyl esters, and polyesters. Suitable for top coating however, top coating is not necessary.

**HAZMAT DATA** Hazard Class 8 – Corrosive (Component A), Hazard Class 9 – Environmentally Hazardous Substance (Component B). This material ships as Not Dangerous Goods in Excepted Quantities. *Refer to individual Component's Safety Data Sheet for complete Hazmat and Safety information.*

**COLORS / FINISH** Gray (when mixed). Medium Gloss. Finish may vary due to texture and porosity of substrate.

**VOLUME SOLIDS** 100%

**DRY FILM THICKNESS** As required.  
*See Technical Bulletin for further information.*

**COMPONENTS** Two. By volume 1 to 1 (Component A : Component B).

**POT LIFE** N/A, mixed via static mixing tube.  
*See Technical Bulletin for further information.*

**VOC CONTENT** 0 g/l or 0.0 lbs./gal. Conforms to 40 CFR §59.402 VOC content limits.

**THINNER** DO NOT THIN

**APPLICATION METHODS** Squeegee applicator, putty knife or trowel.

**TEMPERATURES** Apply at 35°F to 125°F (Air and Surfaces) and 5°F above the dew point.

**CURING TIME** Recoat 2-24 Hours @ 70°F. Final cure for immersion is 24 hours @ 70°F.  
*Refer to the Technical Bulletin for complete information.*

**PACKAGING** 1.0-oz. premeasured cartridge kit (10 per box).

**SHELF LIFE** 1-year from shipment date protected between 40°F and 100°F in its original sealed container.

PUBLISHED TECHNICAL DATA AND INSTRUCTIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.  
CONTACT YOUR CORCHEM® REPRESENTATIVE FOR CURRENT TECHNICAL DATA AND INSTRUCTIONS.

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