

CORCHEM[®] 250 OIL FIELD EQUIPMENT COATING

GENERAL Diglycidyl ether of bisphenol-A resin reacted with a special modified aliphatic amine adduct activator. The polymer structure has high adhesive properties and is very resistant to water-chemical solutions. High solids fast drying epoxy coating designed to provide wetting, sealing, and protection of metal substrates and surfaces, which will be exposed to moderately corrosive chemical and physical environments. It is formulated to have excellent adhesion over tightly adhering rust; flexibility, toughness, abrasion and impact resistance properties.

USE Oil field production/processing equipment, frac tanks, and chemical storage containment vessels. Frac tank containment is defined as portable, temporary storage tanks and vessels that have immersion and splash exposure to oil field chemical solutions for less than 30 days at ambient temperatures. This includes industrial waste and brine waters; and water solutions containing mild solvents, acids, alkalis, and other chemicals. Also resistant to petroleum products such as sweet and sour crude oil, kerosene, diesel, gasoline, aviation fuels, motor oils, lubrication materials, greases, hydraulic fluids and aliphatic hydrocarbon solvents. Intended for use in both field and shop operations. Suggested as a general purpose, corrosion resistant protective coating. Self-priming to steel and most surfaces and may be used in combination with topcoats such as CORCHEM[®] 260, 274, 283 and many other CORCHEM[®] products.

COLORS / FINISH White, Beige, & Gray (other colors available) / Medium Gloss

VOLUME SOLIDS 85%. (may vary depending on color selected).

DRY FILM THICKNESS 4 to 8 mils per coat. Can be applied up to 15 mils dry per coat. Multiple applications are recommended and may be necessary to achieve the specified or desired film thickness or due to variations in design configurations, application equipment, temperature and other factors.

COMPONENTS Two. By volume 4 to 1 (Base:Activator).

POT LIFE <2 hours @ 70°F (mixed one gallon kit). No induction time is required. Pot life is significantly shorter for higher temperatures or larger mixed quantities and longer for lower temperatures or smaller mixed quantities.

VOC CONTENT 120 gms/l or 1.0 lbs/gal. Conforms to United States National Organic Compound Emission Standards.

THINNER CORCHEM[®] 4. Thin only as required for proper application.

APPLICATION METHODS Air or airless spray and brush (small areas).

TEMPERATURES Apply at 35°F to 125°F (Air and Surfaces) and 5°F above the dew point. Sudden and/or substantial temperature change during curing process or in-service conditions can cause film defects.

CURING TIME 4-48 Hours @ 70°F. Final cure for service is 7 days @ 70°F.

PACKAGING 1 gallon & 5 gallon premeasured packaged kits.

SHELF LIFE One year from shipment date protected between 40°F and 100°F.

PUBLISHED PRODUCT INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE. [C250-2-PB-10082009.doc]
CONTACT YOUR CORCHEM[®] REPRESENTATIVE FOR CURRENT TECHNICAL DATA AND INSTRUCTIONS.