

CORCHEM[®] 247 CHEMICAL RESISTANT COAL TAR EPOXY

GENERAL	Diglycidyl ether of bisphenol-A resin and high temperature / melt point coal tar pitch reacted with a low temperature / fast curing modified aliphatic amine adduct activator. The polymer structure is extremely resistant to water-chemical solutions. High build quick drying coal tar epoxy coating modeled after Bureau of Ships Specification MIL-P-23236 Class II; Corp of Engineers C-200; SSPC Paint Specification No.16; and American Water Works Association Specifications C210 [non-potable water service] designed to provide protection for surfaces in severe physical and corrosive environments.
USE	Steel and concrete storage vessels, piping and processing equipment handling petroleum products such as sour crude; industrial waste, brine waters and water solutions containing raw sewage, hydrogen sulfide and methane gases, salts, detergents, alkalies, greases, lubrication materials, animal and vegetable oils, and many other chemicals. Intended for use in both field and shop operations. The principal use is in water-chemical problem areas such as oil field production, storage tanks, buried pipe, wastewater treatment facilities, dam gates, marine service, mining and chemical manufacturing. Suggested as a heavy-duty all-purpose, corrosion resistant protective lining and coating. Self-priming to steel, concrete and most surfaces or may be used in combination with primers such as CORCHEM [®] 235, 254, 260, 262, MCTHANE™ 55, 150 and many other CORCHEM [®] products.
COLORS / FINISH	Black / Medium Gloss
VOLUME SOLIDS	75%.
DRY FILM THICKNESS	Normal / standard dry film thickness of 16 – 20 mils applied in one or more application coat. Can be applied up to 25 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 19 to 1 (Base:Activator).
POT LIFE	<3 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	216 gms/l or 1.8 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	Recoat 6 – 24 Hours @ 70°F. Final cure for service is 5 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.

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CONTACT YOUR CORCHEM[®] REPRESENTATIVE FOR CURRENT TECHNICAL DATA AND INSTRUCTIONS.