CORCHEM®

PRODUCT BULLETIN

CORCHEM® 264 CHEMICAL RESISTANT LINING

GENERAL C264 is an advanced technology modified multifunctional epoxy phenol novolac resin reacted with a unique amine activator. The polymer structure is densely cross-linked and extremely chemical resistant with a high heat deflection temperature. Heavy-duty novolac coating designed to cure at ambient temperature conditions to provide exceptional elevated pressure and temperature protection for surfaces in severe chemical and physical environments. It is formulated to be extremely adhesive, hard, tough and abrasion resistant.

USE Steel and concrete storage vessels, containment areas, piping and processing equipment handling petroleum products such as sour crude, industrial waste and brine waters and water solutions containing salts, detergents, many acids, alkalies, and other chemicals. Provides a high degree of protection for steel and concrete against corrosive moisture, fumes, carbon dioxide, hydrogen sulfide and methane gases. Also resistant to chemical and petroleum products such as kerosene, diesel, gasoline, aviation fuels, motor oils, lubrication materials, greases, hydraulic fluids, styrene, alcohols, aliphatic and aromatic hydrocarbon solvents. Intended for use in both field and shop operations. The principal use is in chemical problem areas such as oil field production and refining, chemical manufacturing and transportation, mining, power generating and waste treatment facilities. Suggested as a heavy-duty, all purpose, chemical resistant protective coating. Self-priming to steel, concrete, and most surfaces or may be used in combination with primers and surfacers such as CORCHEM® 254, 262, 263 and many other CORCHEM® products.

COLORS / FINISH White, Gray, & Green / Medium-High Gloss

VOLUME SOLIDS 78%

DRY COVERAGE Theoretical (no loss): 1248 sq. ft. per gallon for one mil (.001). When computing coverage allow for application loss and surface irregularities.

DRY FILM THICKNESS Normal / standard dry film thickness of 5 – 8 mils applied per coat with a total system dry film thickness of 10 – 16 mils applied in two or more coats. Multiple applications are recommended and may be necessary to achieve the specified or desired film thickness.

COMPONENTS Two. By volume 1 to 4 (Component A : Component B).

POT LIFE 1 hour @ 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 quantities

VOC CONTENT 186 gms/l or 1.55 lbs/gal. Conforms to United States National Volatile Organic Compound Emission Standards.

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

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

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

CURING TIME Recoat 8 – 48 Hours days @ 70°F. Final Cure for service 7 Days @ 70°F. *Refer to the Technical Bulletin for complete information*.

PACKAGING 1 gallon & 5 gallon pre-packaged measured kits.

SHELF LIFE 2 years 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.

Document ID: CORCHEM® 264 Chemical Resistant Lining
Revision: 2-01192016

MADE IN TEXAS, USA

CORCHEM 1964 ESTABLISHED

CERTIFIED ISO 9001 COMPANY

CORCHEM® CORPORATION • 1227 SOUTH MURPHY STREET, ODESSA, TEXAS 79766-8811 USA • TELEPHONE (432) 332-1335 • FAX (432) 332-0122
CUSTOMER SERVICE: VOICE 888-CORCHEM (267-2436) • FAX 888-FAXCHEM (329-2436) • E-MAIL: customer.service@corchem.com • www.corchem.com