

CORCHEM[®] 239 FIRE TUBE COATING

GENERAL Proprietary technology including densely cross-linked reactive polymer catalyzed to form a barrier structure that is extremely chemically inert with a high heat deflection temperature while maintaining critical heat transfer properties for efficient function of fire tubes. This heavy-duty coating is designed to cure at ambient temperature conditions to provide exceptional elevated temperature protection for surfaces in severe chemical and physical environments. It is formulated to be extremely adhesive, hard, tough, and abrasion resistant.

USE Intended for fire tube's in oil field treaters handling hot crude, brine and waste water at oil field production sites including water solutions containing carbon dioxide, hydrogen sulfide and methane gases, salts, detergents, many acids, alkali, and other chemicals. Also suggested as a protective coating for hot transfer lines and steam generating equipment; steel boiler stacks and shells; furnaces, exhaust manifolds and mufflers. The principal use is in chemical problem areas such as oil field production and chemical manufacturing and processing facilities.

HAZMAT DATA Hazard Class 3 – Flammable, Sub-Class 8 – Corrosive. This material ships in any quantity via common carrier only. *Refer to individual Component's Safety Data Sheet for complete Hazmat and Safety information.*

COLORS / FINISH Black / Medium Gloss

VOLUME SOLIDS 42%

DRY FILM THICKNESS 2.0 to 3.0 mils per coat. Two or more coats to achieve a total system dry film thickness of 4.0 to 6.0 mils. *See Technical Bulletin for further information.*

COMPONENTS Two. By volume 1 to 3 (Component A : Component B).

POT LIFE >4 hours @ 70°F (mixed one-gallon kit). *See Technical Bulletin for further information.*

VOC CONTENT 475 gms/l or 3.95 lbs/gal. Conforms to United States National Volatile Organic Compound Emission Standards.

THINNER Use of thinner is NOT recommended. CORCHEM[®] 4 Epoxy / Phenolic Thinner if thinner must be used. *See Technical Bulletin for further information.*

APPLICATION METHODS Conventional air spray (pressure pot) or airless spray (hot pot) and brush (small areas). Plural Component Spray is NOT suitable for application of this material. *See Technical Bulletin for specific information and equipment recommendations.*

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

CURING TIME Recoat 4-24 Hours @ 70°F. Final cure for immersion service is 2 days @ 70°F.

PACKAGING 1-gallon pre-measured packaged kits.

SHELF LIFE 1-year from shipment date when protected between 40°F and 100°F.

PUBLISHED PRODUCT INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.
CONTACT YOUR CORCHEM[®] REPRESENTATIVE FOR CURRENT TECHNICAL DATA AND INSTRUCTIONS.

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