PRODUCT BULLETIN

CORCHEM® 239 FIRE TUBE COATING

GENERAL	Proprietary technology densely cross-linked reactive polymer catalyzed to form a barrier structure that is extremely chemically inert with a high heat deflection temperature. Heavy-duty coating 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.
COLORS / FINISH	Black / Medium Gloss
VOLUME SOLIDS	42%
DRY FILM THICKNESS	2.0 to 3.0 mils per coat. Two or more coats to a dry film thickness of 4.0 to 6.0 mils. 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 3 to 1 (Base:Activator).
POT LIFE	4 hours @ 70°F (mixed one-gallon kit). Pot life is significantly shorter for higher temperatures or larger quantities and longer for lower temperatures or smaller quantities.
VOC CONTENT	475 gms/l or 3.95 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 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 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 protected between 40°F and 100°F.

PUBLISHED PRODUCT INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE. [*C239-2-PB-10082009.doc*]
CONTACT YOUR CORCHEM® REPRESENTATIVE FOR CURRENT TECHNICAL DATA AND INSTRUCTIONS.

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