

CORCHEM[®] 233 HOT UNDER INSULATION LINING

GENERAL	Proprietary technology densely cross-linked reactive polymer reinforced with laminar flake pigments, catalyzed to form a barrier structure that is extremely chemically inert with a high heat deflection temperature. This heavy-duty coating will cure in ambient temperature conditions to provide exceptional elevated temperature protection for under thermal insulation on metal surfaces in severe environments. Designed to resist hot and/or boiling water [steam] and rapid wet-dry-wet thermal shock cycling up to 450°F and to protect stainless steel from chlorides.
USE	Intended as a highly protective corrosion resistant under insulation lining for hot machinery and piping such as steam generating and processing equipment, hot transfer lines, steel boiler stacks and shells, furnaces, exhaust manifolds and mufflers. The principal use is in chemical problem areas such as field insulated oil and gas production equipment and for petroleum refining and chemical manufacturing facilities.
COLORS / FINISH	Black / Medium Gloss
VOLUME SOLIDS	42%
DRY COVERAGE	Theoretical (no loss): 672 sq. ft. per gallon for one mil (.001). When computing coverage allow for application loss and surface irregularities.
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.
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 Emissions Standards.
THINNER	CORCHEM [®] 4 THINNER. 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.
NOTICE!	Use CORCHEM[®] 233HSA UNDER INSULATION LINING for application to HOT SURFACES. Contact CORCHEM [®] for further information.
CURING TIME	Recoat 4-24 Hours @ 70°F. Final cure for service is 2 days @ 70°F.
PACKAGING	1-gallon premeasured 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. [C233-2-PB-10052009.doc]
CONTACT YOUR CORCHEM[®] REPRESENTATIVE FOR CURRENT INFORMATION, TECHNICAL DATA, AND INSTRUCTIONS.