

CORCHEM[®] 258 SOLVENTLESS NOVOLAC

GENERAL	Proprietary advanced technology multifunctional phenol novolac resin reacted with a modified, multiple ring cycloaliphatic amine adduct. The polymer structure is extremely chemical resistant with a high heat deflection temperature and reinforced with laminar flake pigments. Thick film heavy-duty phenol novolac lining designed to cure at ambient temperature conditions to provide exceptional structural strength and corrosion protection for surfaces at elevated temperatures in severe chemical and physical environments. Formulated to be extremely adhesive, hard, tough, and abrasion resistant.
USE	Storage vessels, containment walls and floors, railcars, tank trucks, heater treaters, free water knockouts, separators, frac tanks, clarifiers, filters, piping and processing equipment handling oil field products at elevated temperature and pressure including hot sour crude, brine waters, and drilling muds. Also resistant to petroleum products such as kerosene, diesel, gasoline, aviation fuels, motor oils, lubrication materials, greases, hydraulic fluids, alcohols, aliphatic and aromatic hydrocarbon solvents. It will provide a high degree of protection against corrosive moisture, fumes, carbon dioxide, hydrogen sulfide, methane gases, industrial water and wastewater solutions containing salts, detergents, many acids, alkalis, and other chemicals. Use as a heavy-duty chemical resistant protective lining.
COLORS / FINISH	Gray / High Gloss
VOLUME SOLIDS	100%
DRY FILM THICKNESS	Up to 25 mils per coat if thinner is added. Up to 60 mils coat if no thinner added. 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 1 to 1 (Base:Activator).
POT LIFE	< 1hour @ 70°F (one gallon mixed quantity). Pot life is significantly shorter for higher temperatures or larger quantities and longer for lower temperatures or smaller quantities.
VOC CONTENT	0 gms/l or 0.0 lbs/gal. Conforms: to United States National Volatile Organic Compound Emission Standards.
THINNER	CORCHEM [®] 4. Thin only if required for proper application.
APPLICATION METHODS	Air or airless spray (heaters and plural component equipment not required), roller, squeegee, brush (small areas), "chopped" and "hand lay-up" method.
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 2-8 Hours @ 70°F. Final cure for immersion is 24 hours @ 70°F.
PACKAGING	2-gallon, 10-gallon kits, and 50-gallon drums (packaged multiple of two).
SHELF LIFE	One year from shipment date protected between 40°F and 100°F.

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