



CL 9550 MODIFIED POLYAMINE EPOXY COATING

DESCRIPTION

CL 9550 is a modified ebonite polyamine epoxy coating. CL 9550 as a high solid epoxy composition comprising an epoxy resin and epoxy curing agent is special designed to protect stainless steel or metal from chemical attack in extreme service applications. The outstanding barrier properties of this ebonite liquid rubber sulfur polyamine composite extend the life of the coating film in long term immersion applications.

RECOMMENDED USES

CL 9550 Modified Polyamine Epoxy Coating will provide highly protection physical chemical barrier in offshore marine and petrochemical services, galvanizing plant, underground and submarine pipes, waste water tanks, jetty piles, underground tanks and other structural steel that requires protection against corrosion in aggressive environment.

NOT RECOMMENDED

Immersion service for strong acids, alkalies or ketone solvents.

ADVANTAGES

- ❖ Economical – more economical than other systems than can provide the same protection.
- ❖ High build – can build up to 200 microns in one coat.
- ❖ Anti-corrosion – strong resistance to under film corrosion.
- ❖ Abrasive resistant and thermo stable.

PHYSICAL DATA

Finish : Low gloss

Colour : Black

Volume Solids : 80 ± 2%

No. of Components : Two

Mixing Ratio : 4 part A to 1 part B by volume

Recommended Thickness : 400 microns DFT (500 microns for severe environment)

Theoretical Coverage : 2.5 m² /litre @ 220 microns DFT

No. of Coats Recommended : Two

Drying Time : Touch dry - 5 hours

Top-coat -12 hours

Full cure -7 days

Pot life : 4 hours (Varies with temperatures)

Packing Size : 5 litres and 20 litres

Temperature resistance dry : Continuous :100 °C

Non –continuous:180° C

CHEMICAL RESISTANCE GUIDE

Expose	Immersion	Splash & Spillage	Fumes
Acids	Very Good	Excellent	Excellent
Alkali	Very Good	Excellent	Excellent
Solvent	Very Good	Excellent	Excellent
Salt water	Excellent	Excellent	Excellent
Water	Excellent	Excellent	Excellent

APPLICATION INSTRUCTIONS

SURFACE PREPARATION: Remove oil or grease from surface to be coated with clean rags soaked in **Chemlub Cleaner** in accordance with SSPC-SP1.

STEEL: For maximum protection, steel surface should be dry abrasive blast to commercial blast finish in accordance with SPC-SP6 with blast profile about 50 to 75 microns.

CONCRETE: A primer is recommended over concrete to ensure a void free application.

MIXING: Mix component A thoroughly then pour in component B and mix till homogeneous. Do not mix materials more than the quantity to be consumed within the pot life.

THINNING: Thin not more than 20% by volume with **THINNER** for workability.

APPLICATION: For steel surfaces, do not apply when the surface temperature is less than 3°C above the dew point. Hold gun 8 to 10 inches from the surface and at the right angle to the surfaces. Make a 50% overlap with each pass gun. The coating can be applied by brush and roller but surfaces will be textured and variation in thickness.

CLEANING: Clean all application tools immediately after use.