

DESCRIPTION

A high performance, high solids, two-pack epoxy mastic designed to provide corrosion resistance and abrasion protection in extreme service applications. This specially designed epoxy system is capable of being applied as a one or two coat system over grit blasted, hydroblasted or mechanically cleaned surfaces. It can be applied and cures underwater to form a tough protective barrier. It provides outstanding adhesion on wet blasted surfaces.

PRINCIPAL CHARACTERISTICS

- * Excellent durability in marine atmosphere.
- * Resists splash, spillage and fumes of mild acids, alkalis, salts solutions and solvents.
- * Build coat or finish coat for the protection of steel and concrete in structure exposed to aggressive atmospheric condition.

RECOMMENDED USE

Is designed to provide corrosion protection for metal and concrete structures onshore and in deepwater offshore marine and petrochemical services, sheet piles, underground and submarine pipes, waste water tanks, jetty piles, underground tanks and other structural steel that requires protection against corrosion in aggressive environments.

SPECIFICATION DATA

Gloss	Flat.
Colour	Red Oxide, Grey etc.
Specific gravity	1.45 ± 0.5 kg/litre.
Solid by volume	95+/-2%
Recommended	Dry film thickness : 275-300 microns.
Coverage theoretical	3m ² / litre – 300 microns.
Dry time	

Temperature	Touch dry	Hard dry
26°C	16 Hours	24 Hours
32°C	8 Hours	12 Hours

Full cure	7 days.
Painting interval	Min : 12 hours ; max : 6 days.
VOC	Max. 316.8 g/litre.
Pot life	1 hours (after mixing the components).
Shelf life	12 months (cool and dry place)

The information in this product data sheet is given to the best of our knowledge based on laboratory testing and practical experience. If the product is used under condition beyond our control, we cannot guarantee anything but the quality of the products it self. The information in this product data sheet is liable for modification from time to time in the light of experience and our policy of continuous product development, and without further notice.

SURFACE PREPARATION

Paint only clean surfaces. Remove all contaminants and other foreign matter by "solvent cleaning". After high pressure washing, product can be applied to engrained oil and grease. Ultra-high pressure hydro jetting is acceptable for maintenance of previously painted surfaces.

CONDITION OF APPLICATION

There is no humidity or dew point restriction.
This product will not cure adequately below 5 °C.

SYSTEM SPECIFICATION

Can be top coated with all paint types (alkyd, epoxy, coal tar epoxy, vinyl, chlorinate rubber or polyurethane, etc.)

INSTRUCTION FOR USE

- * Mixing ratio by volume: Base; Hardener = 3 : 1
- * The temperature of the mixed base and hardener should be above 15°C, Otherwise.
- * extra solvent may be required to obtain application viscosity.
- * Stir well before use preferable by means of mechanical mixer.

APPLICATION DETAILS

- * Material is supplied in 2 separate cartridges, Part A and Part B
- * Thinning should not be necessary.

SAFETY PRECAUTION

Keep away from heat, spark and open flames. Avoid breathing of vapour on skin and eye contact. Keep container closed and store in cool, ventilated area when not in use. Proper ventilation and protective measures must be provided during mixing, application and drying, to keep vapour concentration within safe limits and to protect against toxic hazard. Necessary safety equipment must be used and ventilation requirements carefully observed, especially in confined or enclosed spaces, such as tank interior and building.

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