

BONDEPOX CT-S

High Quality Pitch Extended Protective Coating System.

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DESCRIPTION

BONDEPOX CT-S is a two component liquid protective coating system based on a blend of liquid epoxy resin, coaltar pitch, solvents and amine hardener. It acts as a flexible , anti corrosive, sea water resistant coating system for steel and concrete substrate and has excellent resistance to abrasion and impact. BONDEPOX CT-S has excellent chemical resistance to a wide range of aggressive media and is specially formulated for use in Sewerage applications, and in submerged, semi submerged, offshore and/or marine environments.

USES

BONDEPOX CT-S is used as a anti corrosion coating to steel and concrete Structures in

- Sluices and docks.
- Jetties, Harbours etc. during installation.
- Sewage line steel and concrete.
- Effluent plants, Internal Lining for storage tank,etc.
- As a general protective coating from water, salt water and other general chemicals for concrete and steel.

SPECIALITY

Because of the amine based curing agent, and liquid epoxy resins, BONDEPOX CT-S exhibits superior chemical and sewerage effluent resistance than the conventional amide curing epoxies.

Chemically Engineered Products

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ADVANTAGES

- Can be applied by roller, brush or spray.
- Excellent adhesion to substrates and abrasion resistance.
- Outstanding resistance to water as well as sea water.
- Priming is not necessary.
- Waterproof, flexible and provides long term Corrosion protection.
- Superior Resistance to a wide variety of aggressive chemicals such as
• sewage water, medium and light acids and alkalis.

PROPERTIES

Appearance	: 2 Component, Black in color paint like.
Pot life	: 2 – 4 hrs @ 25 C
Touch dry	: 8 – 12 hrs @ 25 C
Full curing	: 7 days
Recoating Intervals	: Overnight
Specific Gravity	: 1.25
Solids content	: 80 %
Flash point	: 37°
Application Thickness	: 175 microns dft. (220 microns wft)
Recommended total thickness	: 300 microns dft. by 1 - 3 coats (375 microns wft).

SURFACE PREPARATION

Like all coating system, proper surface preparation is essential. Substrate should be Sound, clean and free from oil, grease, curing compounds and other foreign matters. New concrete should be at least 28 days old.

Metal Surface should be Sand or grit blasted to adopt the coating (SA-2.5 standard) Concrete surface should be cleaned by sand blasting, wire brushing or acid etching. The surface should be totally dried before coating.

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MIXING

Mix both the components separately and add part B into part A and mix thoroughly for 3 – 4 minutes with an electric drill fitted with a paddle running at low speed until a uniform color and consistency is achieved. Apply immediately.

APPLICATION

Can be applied by brush, roller or airless spray (Tipsize 0.48 - 0.68mm – 1600 – 2100 psi pressure).

CLEANING

Clean all the tools by Solvents

SHELF LIFE

12 months in original containers

PACKING

Available in 15 + 5

HEALTH AND SAFETY PRECAUTIONS.

Always wear protective overalls, goggles and gloves when handling BONDEPOX CT-S . As a general Code of Safety Practice all chemical products should treated with care, kept away from children and animals, especially protect eyes and skin. In an emergency seek medical advice.

Whilst the information and/or specification given are to the best of our knowledge true and accurate, no warranty is given or implied in connection with any recommendations or suggestions made by us, our representatives, agents or distributors as the conditions of use and any labour involved are beyond our control.

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