KIRAN PROTECTIVE COATINGS COAL TAR EPOXY

A Two pack high performance high builds epoxy tar coating having excellent water and alkali resistance. This is suitable for protecting system. It withstands back filling materials and is not affected by alkali or sulfide soil water.

An ideal coating for protection of sluice and barrage gates, caissons hoyden penstocks, pipeline, storage tanks and structural steel work in fertilizer, chemical, refineries and coastal installations.

Temperature : 93C (sustained): 120C(Intermittent) dry heat
Weather ability : Withstands long-term exposure too severe Saline environments
Alkalis : Unaffected by splash and spillage of common Hydroxides and ammonia.
Solvents: : Poor, However withstands mild splash and spillage.
Acid : Unaffected by splash and spillage of dilute organic acids.
Salts : Withstands continuous immersion in concentrated alkaline or neutral salt Solutions. Avoid immersion in concentrated acid salts.

Preparation: - Remove grease, oil and other contaminant preferably by using KIRAN greasing solvent. Blast clean to a minimum of sa21/2 Swedish standard SIS 055900 for severe corrosive conditions, blast to sa3 with a surface profile not exceeding 65 microns. If blasting is not practical make full use of mechanical tools ongwith manual chipping and wire brushing to remove loose rust and scale to St. 2 Swedish standard SIS 05 5900,Excessive burnishing of steel is to be avoided. Thorough dust down all surfaces, best results can be achieved if the manually cleaned surface is treated in metal conditioning solution. The surface should be clean and dry before application of appropriate primer coat.

New concrete: Ensure that the concrete is cured for minimum three month, surface is to be made rough and free from Latinate and other contaminates by sand sweeping.

Old concrete: Remove all salt deposits from the surface by water jet washing. Light and blast the surface to remove loosely bound coatings and roughening up of firmly adhering coating to ensure anchorage with recommended system. Ensure all dust of the particles are fully removed by suction or air blast and the surface is fully cleaned and dry before application of paints. In non-critical areas where blasting is not possible, Water jet washing and hard wire brushing are minimum requisites.

Application: -Stir base thouruhly and then mix three parts base and one part catalyst by volume to uniform consistency, Allow the mixture to mature for 30 minutes and stir again before application and during use. Brush/Roller: Apply preferably without any Thinning. However,if required during application add Thinner upped 5%.Airless Spray: Apply preferably without any Thinning.However upped 2%thinner may be added if absolutely essential having pump ratio 40:1 tip size 0.48-0.68mm. Tip pressure 110-160Kg/Cm

Use off the mixed paint within the stipulated pot life period does not apply when temperature falls below 10 C or when relative humidity is above 90% or during rain, fog or mist. Brushes and spray equipment should be cleaned with Epoxy Thinner otherwise equipment is liable to be damaged. The information contained herein data sheet is based on believed to be reliable at the time of preparation The company is not be liable for loss or damage how so ever caused including liability for negligence which may be suffered by the user of the data contained hence it is the users responsibility to conduct all necessary tests to confirm the suitability of any product or system for their intended use.

THE ABOVE INFORMATION IS GIVEN IN GOOD FAITH AND CUSTOMER IS ADVISED TO TEST THE MATERIAL BEFORE USE

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