



KIRAN PROTECTIVE COATINGS

KIRAN HIGH BUILD COATINGS

Scope:

A two pack high build epoxy coatings with outstanding corrosion resistance properties. This coatings contains a high level of anticorrosive pigment, which renders superior performance properites when applied on steel. Over coating can be done with epoxy, chlororubber and polyurethane topcoats.

Recommended as a priming coat for structural steelwork, vessels, pipelines fertilizer, chemicals, refineries, petrochemical plants, DM water plants etc.

Resistance Guide:-

Temperature	120 C dry heat.
Weatherability	Excellent with suitable top coats.
Alcohols	Resists splash and spillage of common alcohols
Acid, Alkalis	Good when suitably over coated. Not recommended in the presence of strong inorganic acids.
Oils & Fats	Excellent resistance to all mineral And vegetable oils.
Solvents	Resists splash and spillage of solvents.
Water	Excellent resistance to both fresh and salt water with suitable top coats.

Surface Preparation

Remove grease oil and other contaminants preferably by using KIRAN DEGREASING SOLVENT. Blasts clean to a surface profile not exceeding 65 microns. If blasting is not practical make full use of mechanical tools along with manual chipping and wire brushing to remove loose rust and sc Excessive burnishing of steel is to be avoided. Thoroughly dust down all surface best results can be achieved if the manually cleaned surface is treated with metal conditioning solution. The surface should clean and dry before application of High Build Coatings.

Application:

Stir base thoroughly and then mix the base and catalyst in equal proportions to uniform consistency. Allow the mixture to mature for 15 minutes and stir again before application and during use.

Brush / Roller: Apply without any Thinning.

Conventional Spray: Add up to 15% thinner depending on conditions. Use any standard equipment at an atomizing pressure of 3.5 - 4.9 Kg/Cm.



Airless Spray: Apply preferably without any thinning. However up to 5% Thinner may be added if absolutely essential depending on conditions use any standard equipment having pump ratio 30:7 Tip Size 0.38 - 0.43mm. Tip pressure 110-160 kg/cm.

Typical painting specifications

Surface	1 st Coat	2 nd Coat	3 rd Coat
Steel	HB Coating	Enamel	Enamel
Galvanized Iron and Aluminum	Degrease and abrade the surface. Apply a coat of Wash primers followed by any of the above systems excluding the coatings coats.		

Notes

1. Use off the mixed paint within the stipulated pot life period.
2. Do not apply when temperature falls below 10 C or when relative humidity rises above 90% or during rain fog or mist.
3. Brushes and spray equipments should be cleaned with Thinner Otherwise equipment is liable to be damaged.

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

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