



## **HIGH BUILD EPOXY COATING**

### Scope

A two pack HB EPOXY coating with excellent resistance to serve coastal and industrial environment. Unaffected by a broad range of corrosive chemicals and solvent exposure, it is recommended for protection from fumes, splash and spillage.

Typical uses :Recommended for application on structural steel, pipelines, storage tanks etc. Subjected to aggressive environment. Suitable for application on concrete walls and columns. Can be used in fertilizer plants, chemicals units, tanks farms, offshore installation and various other industries.

### **RESISTANCE GUIDE**

Temperature: 80 degree cent. Dry heat.

Weatherability: withstand long term exposure to severe environment.

Alcohol: Resists splash and spillage of most alcohol.

Alkalis: resists splash and spillage of caustic solution.

Acids: Resists splash and spillage of dilute solution Of inorganic acids.

Solvents: Resists splash and spillage of petroleum Solvents, ATF and Aromatics hydrocarbons.

### **PRODUCT DATA**

Type:	Two Packs, cold cured
Composition:	Catalyzed epoxy resin suitably pigmented
Mixing Ratio:	Base: Catalyst: 9:1 by volume
Pot Life:	4-6 hours
Application:	Brush, conventional and airless spray
Recomandeded DFT:	40-50 Microns per coat
Corresponding WFT:	122-143 microns per coat
Approx. Spreading Rate:	6.0-7.0 Sq. Mtr/Lt.
Drying Time: Touch Dry:	1 hours
	Dry to handle: 8-10 hours
	Hard Dry: Overnight
Curing time:	6-7 days
Overcoating interval:	Minimum: Overnight
	Maximum: 4 days
Color:	Assorted shades.
Thinner/Cleaner:	1 -up/SHIELD CARE Epoxy Thinner
Finish:	Egg-shell
Storage Life:	Up to nine months as long as the sealed
Containers are kept under cover in a Dry place under normal temperature Conditions.	

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

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KIRAN PAINTS PVT. LTD.

Factory : Plot No. 48, M.I.D.C., Taloja Ind. Area, Dist. Raigad, Maharashtra-410208, INDIA.

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**Preparation:** - Remove grease, oil and other contaminant preferably by using KIRAN greasing solvent. Blast clean. If blasting is not practical make full use of mechanical tools on with manual chipping and wire brushing to remove loose. 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 finish paint over appropriate primer coat.

**Application:** -Stir base thoroughly and then mix nine parts base and one part catalyst by volume to uniform consistency, allow the mixture to mature for 10 minutes and stir again before application and during use. Brush/Roller: Apply preferably without any Thinning. However, if required during application adds Thinner. Airless Spray: Apply preferably without any Thinning

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.

#### 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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