



## **Multi-Purpose Epoxy Coating**

Multi-purpose Epoxy Coating is a two pack chemically cured epoxy coating which can be applied on variety of surfaces with excellent resistance to severe 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. It is suitable for harsh environments of Residential and Commercial establishments.

Typical uses : It can be applied on properly prepared steel, masonry or wooden surfaces. 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. Can be used in food processing plants, restaurants and shopping malls.

### **PRODUCT DATA**

Type:	Two Packs, cold cured
Composition:	Catalyzed epoxy resin suitably pigmented
Mixing Ratio:	Base 5 : 1 Catalyst by volume
Pot Life:	3-4 hours
Application:	Brush, conventional and airless spray
Recommended DFT:	80-100 Microns
Corresponding WFT:	122-143 microns
Theoretical 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:	Semi Gloss
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.**

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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 base and catalyst by volume as per the recommended ratio 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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