



## Zinc Rich Epoxy Primer

DATA SHEET



# Zinc Rich Epoxy Primer

## Description:

The Galvanizing Process of applying a continuous film of Zinc Metal to Iron or Steel surfaces is considered by corrosion engineers to be the most conclusively proven and durable method of preventing rust formation on these surfaces. This process electrochemically prevents oxidation by the cathodic reaction among metals.

Likewise, galvanized surfaces themselves are sufficiently smooth to preclude satisfactory adhesion of decorative finish coats of paint. ZINC however, has affinity for itself and Panda Zinc Rich Epoxy Primer adheres perfectly to such galvanizing and provides a matt finish with excellent "tooth" for any type of finish coat.

## IMPORTANCE OF PANDA ZINC RICH EPOXY PRIMER:

- Metal Content in dry film  $75 \pm 3\%$
- 1 hour drying – 12 hours over coating
- Ease of application by brush, spray or dip
- No hard setting in container.
- Resistant to salt spray and corrosive fumes.

## Uses:

Panda Zinc Rich Epoxy Primer can be applied on the job to provide zinc cathodic protection where Usual methods of galvanizing are not feasible, such as:

- Structural Steel
- Transmission Towers Water Tanks
- Fences
- Metal Roofs
- Industrial Tanks
- Bridges
- Dairy Equipment Pipe Lines
- Marine Installations
- Oil Well Drilling
- Equipment
- Television Towers
- Air Conditioning Ducts
- Metal Culverts
- Refrigeration Equipment

## Technical Data:

Type	One Pack & Two Pack
Mixing Ratio	Component A: 4 Parts by Volume Component B: 1 Part by Volume
Surface Preparation	The material is essentially for application on blast cleaned surfaces, free of dust, rust, grease and mill scale etc. Immediately after sand

	blasting, the material is to be applied. Special care is required in Surface preparation.
Drying Time	a) Surface Dry : Within 1 Hours. b) Tack Free : 6-8 Hours c) Hard dry : 18 -24 Hours.
Complete Curing Of Film	It takes approximately 96 hours to obtain completely cured system
Dry Film Thickness	50-75 Microns.
Average Spreading Rate	3-4 Sq. Meters per liter per coat, when applied after thinning for easy brushing.
Shelf Life	6 months when stored properly in original sealed container.
Packing	1 and 4 Liter

