

ENVIROCOAT POWDERS PVT. LTD.

HO : Plot No. 288, Sector 7, MIDC, Bhosari, Pune - 411026

WORKS : C-99, STICE, Musalgaon, Sinner, Nashik - 422112

CIN No. : U74994PN2018PTC175918

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TECHNICAL DATA SHEET

ZINC RICH EPOXY PRIMER

INTRODUCTION

Zinc rich epoxy primer is an epoxy-based smooth satin coating with a high level of zinc, providing excellent corrosion protection while improving the adhesion properties of powder topcoats resulting in superior service life and film integrity. It is not recommended for exterior use without a topcoat, typically used for garden tools, industrial waste equipment, agricultural machinery, pipeline coatings, electrical switch gear, cabinets and cable ducting.

Powder Properties

Sr. No	Properties	Specification
01	Shade	As Per Std.
02	Appearance	Free flowing Powder
03	Specific Gravity ASTM-D-153	1.50 to 1.80
04	Storage	Dry cool condition (below 30 deg.C.)
05	Shelf life	6 months (<30°C)
6	Substrate	0.8 mm CRCA Phosphated
7	Method of Application	Electrostatic Spray 60 – 90 KV
8	Baking Schedule EMT	180 Deg Cent. / 15 min metal temp.
9	Impact Test Kgcm ASTM 2794-69 Direct/ Indirect	60 minimum
10	DFT	50-70 Micron
11	Flexibility @ 6.25 mm ASTM-D-522	No cracks on film
12	Adhesion Test ASTM-D-3359	GT - 0
13	Humidity Test, 95% Rh 1000 Hrs	No blistering /rusting & loss of Adhesion
14	Salt Spray Resistant ASTM-B-117	To pass 1000 Hrs.

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Application Process

- Clean the Surface by emery paper OR any other method, So that surface should be dry, dust free and oil free.
- Apply coat Powder Coating provided
- EMT time -10-15 minutes At 180-200deg.C.

DO, DON'T AND SAFETY

- Keep Powder In cool place before using.
- Use goggles, hand gloves for personnel safety when using these coatings
- Protect your Eyes from chemical of these coatings.
- As it may be irritating in eyes, wash eyes with plenty of water.

This product is intended for use only by professional applicators in industrial environments.