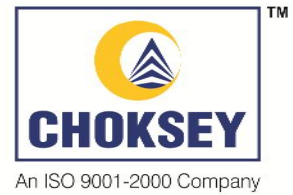


# □ MASTERPRIME 12

## EPOXY ZINC PHOSPHATE PRIMER



### DESCRIPTION

A two components polyamide cured epoxy primer containing zinc phosphate as corrosion inhibiting pigment. This primer is ideally designed for offering superior performance in highly corrosive chemical and coastal Environments.

### TYPICAL USES

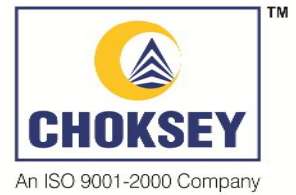
Recommended as a priming coat for structural steel, machinery, vessels, pipelines in fertilizer, chemical, refineries, petrochemicals plants, DM water plants, tank exterior in paper mill plants and waste treatment plants, for both immersion and non immersion service. Marine- Decks, hulls, bottoms and supper structure of ship barges and workboats, offshore platforms and related structure interior of cargo holds and tanks and ballast tanks.

### PRODUCT DATA

Mixing Ratio	: Base 4 parts by volume and curing agent 1 parts by volume
Application	: Conventional or Airless spray/ Brush
Volume solid	: 47 %
Recommended DFT	: 40-50 microns per coat
Theoretical spreading rate	:
40-50 microns DFT	: 9.4-11.75 Sq.Mtr/Ltr.
Surface Dry	: 2-3 hrs
Hard Dry	: Over night
Fully cure	: 7 days
Colour	: Grey
Finish	: Satin finish
Overcoat Interval (min)	: Over night
Max	: 5days
Flash Point	: Above 22°C
Pot Life	: 6-8 hrs at 30°C
Packing	: 4 Ltr. & 20 Ltr.
Thinner/ Cleaner	: Epoxy thinner
Top coat	: Epoxy, Urethane, vinyl and chlorinated rubber top coat
Storage life	: 12 months as long as the sealed containers kept under cover in a dry Place under normal temperature conditions.

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## SURFACE PREPARATION

Coating performance, in general, is proportional to the degree of surface preparation. Surface must be clean, dry and free of all contaminants. Blast clean to a minimum of Sa2 ½ Swedish Standard SIS 05 5900. For severe corrosive condition, blast to Sa 3 with a surface profile not exceeding 65 microns. Special care must be taken on weld areas to remove flux and spatter.

## APPLICATION

Stir base thoroughly and then mix four (4) parts base and one parts catalyst by volume to uniform consistency allow the mixture to maturation for 30 minutes and stir again before application and occasionally during use.

- Brush/Roller** : apply without thinning .However, if required during application add upto 5% epoxy thinner.
- Conventional Spray** : Normally no thinning is required. However addition of epoxy thinner up to 7% is Recommended for ease of application. Use any standard equipment at an atomizing pressure of 3.5-4.2 Kg/cm<sup>2</sup>
- Airless Spray** : Apply without thinning .use any standard equipment

## NOTES

1. Use off the mixed paint within the stipulated pot life period.
2. Do not apply when temperature falls below 10°C or raise above 50°C and when relative humidity raise above 90%.Do not apply during rain, fog and mist.

## BASIC SAFETY MEASURE

1. Avoid direct contact of skin and eyes with liquid paint and thinner .In case of contamination, rinse with fresh running water and seek medical help at once.
2. Provide adequate ventilation in confined spaced.
3. As paint contains inflammable material, keep away from sparks and open flames. No smoking should be permitted in the area.