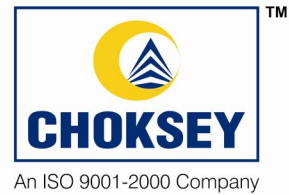


# □ MASTERPRIME 11

Epoxy zinc rich primer



## DESCRIPTION

A two components epoxy primer enriched with metallic zinc. It provides excellent performance on blast clean steel on new construction or major repair projects, and as a field maintenance primer. Its imparts cathodic protection to the base metals. It has no deleterious effect on normal cutting and welding operation. resistance to chemicals and severe weathering performance is obtained with a suitable top coat.

## TYPICAL USES

Recommended for use on steel structures, bridges interior and exterior of storage tanks Bulk handling equipment, pipeline etc. Extensively used as new construction primer in fertilizer plant Chemical unit, petrochemicals plants, thermal and nuclear power plants as well as other installations expose to saline and highly corrosive environments.

## 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 4 parts Base and 1 part Hardener by volume to uniform consistency and leave for 30 minutes before use. Stir again before application and occasionally during use.

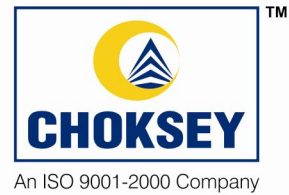
<b>Application data</b>	: Viscosity adjust by thinner Quantity of Thinner
<b>Airless Spray</b>	: Epoxy Thinner 0-5 %
<b>Roller/Brush</b>	: Epoxy Thinner 5-10 %

## NOTES

1. Use off the mixed paint within the Stipulated pot life period.
2. Do not apply when temperature falls below 10°C or rise above 50°C and when relative humidity raise above 90%.Do not apply during rain, fog and mist.
3. Masterprime 11 zinc rich primer is also known as cold galvanizing.

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## 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.

## PRODUCT DATA

<b>Mixing Ratio</b>	: Base 4 parts by volume and Curing agent 1 parts by volume
<b>Pot Life</b>	: 6-8 hrs at 30°C
<b>Application</b>	: Airless/ Air spray/Brush
<b>Volume solids</b>	: 36%
<b>Recommended DFT</b>	: 35-50 microns per coat
<b>Theoretical spreading rate</b>	
<b>35-50 microns DFT</b>	: 7.2-10.28 Sq.Mtr / Ltr.
<b>Surface Dry</b>	: within 1 hrs
<b>Hard Dry</b>	: Over night
<b>Fully cure</b>	: 7 days
<b>Colour</b>	: Grey
<b>Finish</b>	: Matt
<b>Overcoat Interval</b> Min	: Over night
Max	: Indefinite
<b>Top coat</b>	: Epoxy, Urethane, vinyl and chlorinated rubber top coat
<b>Flash Point</b>	: below 22°C
<b>Packing</b>	: 4 Ltr & 20 Ltrs
<b>Thinner/ Cleaner</b>	: Epoxy thinner
<b>Storage life</b>	: 6 months as long as the sealed containers kept under cover in a dry place under normal temperature conditions.