

● **Description**

A two-pack EPOLITE HB EPOXY PRIMER based on anticorrosive iron oxide or zinc phosphate or zinc chromate, for application on blast cleaned steel surfaces. It has excellent resistance to high humidity and saline atmosphere with suitable topcoats like epoxy and polyurethane.

● **Areas of Application**

All types of structures, metallic or concrete, which have to face severe chemical or marine atmosphere, should have epoxy coatings, to successfully fight corrosion attack for a long period.

● **Surface Preparation**

For best results, the surface to be painted should be blast cleaned to remove oil, grease and rust. In case of a concrete surface, the same should be free from moisture.

● **Technical Data**

- Appearance : BASE shows appropriate colour black, grey
HARDENER for all shades is clear, pale yellow to brownish.
- Viscosity : BASE : 100–120sec.in Ford Cup. No.4 @30⁰ C
HARDENER : Polyamine : 30-35 seconds in Ford Cup No.4 @ 30⁰ C.
Polyamide : 20 – 22 seconds in Ford Cup No. 4 @ 30⁰ C.
- Mixing ratio : BASE (3) : HARDENER (1) by volume.
- Viscosity of the mix : 30-40 secs. in Ford Cup No.4 @ 30°C.
- Brushing viscosity : 50 - 60 secs. in Ford Cup no. 4 @ 30°C
- Spraying viscosity : 22 - 25 secs. In Ford cup no.4 @ 30°C
- Thinner to be used : EPOXY THINNER 055 to attain the right viscosity.
- Drying time : Touch dry : 15-20 minutes
Surface dry : 1 hrs.
Hard dry : Over night
- Recoatability time : After 4 hours
- Pot Life : Six hours minimum.
- Covering capacity : 8 –10 sq.mtrs. when applied on a smooth, non porous surface.
- Dry film thickness : 40-50 microns single coat application.
- Gloss : Semi glossy to Eggshell
- Flexibility : Passes 1/4” mandrel.
- Cross hatch test : Passes

PRODUCT CODE - 7451
EPOLITE 500 ZINC PHOSPHATE PRIMER RED & GREY MATT FINISH

● **Directions for Use**

Stir the Base before mixing with Hardener and in recommended proportion. Allow to “mature” for 15-20 minutes. Adjust the viscosity for brushing or for spraying, using EPOXY thinner 055. Mix the Base and Hardener in enough quantity to last only 5-6 hours (before the pot life is over). Apply wet on wet, two coats or apply the second coat after four hours.

In case of cement concrete surface, ensure the surface is totally dry. If need be blow hot air. Our experience, to get the best result on cement concrete, a thin coat of METAPRIME-H should be used as primer. IT TAKES CARE OF FREE ALKALINITY.

Epoxy system should not be used when the relative humidity exceeds 80%. If the work has to be carried out, BLOW HOT AIR in the paint shop. Clean the gun or the brush with universal thinner 303 as otherwise; the epolac will harden so much so that the brush or the gun will become non-operative.

The Product is for Industrial use only. Product data given here *is correct to the best of our knowledge but their accuracy may vary depending upon the quality of the substrate, application parameters and atmospheric conditions affecting the performance of the product. Therefore the users are advised to make their own tests to determine the suitability of products for their own purposes under present conditions. Unless agreed upon in writing, we do not accept any liability for the performance of the product. We hereby disclaim any warranties or representations, liability, including but not limited to negligence, injury, consequential losses or damages arising from the use of the Products as recommended above. Product data are subject to change without notice.*

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PRODUCT DATA SHEET

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