

EBM

Coatings and Chemicals

Technical Data Sheet

EBM Zinc Phosphate Primer

EN2004

Description : A top quality anti-corrosive primer based on Zinc Phosphate pigment and special alkyd resin binder for interior and exterior application on iron and steel substrates for effective protection against corrosion.

Features:

1. Good hiding power
2. Excellent resistance to corrosion
3. Lead free
4. Good inter-coat adhesion
5. Can be used as final finish

Physicals Properties:

Viscosity (Rot thinner at 25 ⁰ C)	:	20 - 25 poise
Finish	:	Matt
Flash Point	:	37 ⁰ C
Specific Gravity	:	1.23 kg/L
Solid by Weight	:	59 \pm 2
Coverage rate	:	12 - 14m ² /Liter
Dry film thickness	:	30 - 40 micron
Shelf Life (dry and cool store)	:	One year

Surface Preparation and Application Method:

1. The surface should be dry, free from dirt, oil, grease and powdery material.
2. Remove rust and, mill scale by steel brush or wire brush.
3. Apply one coat of **EBM** Synthetic Zinc Phosphate prime by cross-coat technique in order to obtain a high-build and ensure optimum spreading.
4. For adhesion purpose non-ferrous substances, apply one coat of special primer to be followed by **EBM** synthetic Zinc phosphate primer.

Doha Factory for Paints and Chemicals

Tel-44504119 - Fax: 44510566 - P.O.Box:35409. New Industrial Area-Doha Qatar

E-mail: info@dohapaints.com. www.dohapaints.com

EBM

Coatings and Chemicals

Technical Data Sheet

EBM Zinc Phosphate Primer

EN2004

Dilution and Application:

Type of thinner	:	EBM TH500
Percentage of thinning	:	10 - 20% by volume
Nozzle orifice	:	1.5 – 2 mm
Output pressure	:	3 – 4 bar
Tools	:	Air spray gun

EBM Zinc Phosphate can be also used by brush and roller.

Drying time (at 25⁰C):

Touch dry	:	1 - 2 hours
Hard dry	:	3 - 4 hours

A second coat can be applied after 6 hours

Subsequent Coats:

EBM Synthetic primer
EBM Synthetic Enamel (Matt, Semi-gloss, gloss)

Colors: White and Grey

Packing: 18 Liter drum, 3.75 Liter Gallon, One Litter Can

Remarks:

Before Application

- Stir thoroughly
- Check Temperature above 5⁰C and relative humidity less than 85%

After Application

- Clean all tools used immediately with TH 500 Thinner
- Close the cans after used
- Store in dry and cool area

For more information, don't hesitate to contact our Technical Department.

Doha Factory for Paints and Chemicals

Tel-44504119 - Fax: 44510566 - P.O.Box:35409. New Industrial Area-Doha Qatar

E-mail: info@dohapaints.com. www.dohapaints.com