

# EBM

Coatings and Chemicals

## Technical Data Sheet

<b>EBM Synthetic Enamel</b>	<b>EN4000</b>	<b>EN4050</b>	<b>EN4090</b>
	<b>Matt</b>	<b>Semi-Gloss</b>	<b>Gloss</b>

**Description :** A high quality general purpose pigmented Synthetic Enamel based on Special alkyd resin for interior and exterior application on primed steel, Wood, plaster and gypsum etc.

### **Features:**

1. Excellent hiding power
2. Highly resistant to chalking
3. Durable and hard wearing finish
4. Color retention
5. Lead free
6. Good inter-coat adhesion
7. Easy to apply without brush marks

### **Physicals Properties:**

Viscosity (Rot thinner at 25 <sup>0</sup> C)	:	20 - 25 poise
Finish	:	Matt, Semi-Gloss, Gloss
Flash Point	:	37 <sup>0</sup> C
Specific Gravity	:	1.0 - 1.35 kg/L depends on the color & finish
Solid by Weight	:	53 - 58 ± 2 depends on the color & finish
Coverage rate	:	12 - 14m <sup>2</sup> /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. Prime the surface with **EBM Synthetic Undercoat** for plaster and wood, and **EBM EN Synthetic red oxide primer** to be followed by **EBM Synthetic Undercoat** for steel surface.
3. Apply 1-2 coats of **EBM Synthetic Enamel** by cross-coat technique in order to obtain a high-build and ensure optimum spreading.

**Doha Factory for Paints and Chemicals**

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

E-mail: [info@dohapaints.com](mailto:info@dohapaints.com). [www.dohapaints.com](http://www.dohapaints.com)

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### Dilution and Application:

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

**EBM Synthetic Enamel** can be also used by brush and roller.

### Drying time (at 25°C):

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

A second coat can be applied over night

### Subsequent Coats:

**NONE**

Colors: **EBM Decorative Color Card**

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

### Remarks:

Before Application

- Stir thoroughly
- Check Temperature above 5<sup>0</sup>C 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.

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