

# EBM

Coatings and Chemicals

## Technical Data Sheet

### **EBM** Grey Oxide Primer

EN2005

**Description :** synthetic primer based on pigmented Grey oxide special binder, and selected fillers to introduce highly effective steel primer to provide maximum resistance to corrosion.

#### **Features:**

1. Fast drying
2. Highly resistant to corrosion
3. Lead free
4. Good inter-coat adhesion
5. General purpose primer

#### **Physicals Properties:**

Viscosity (KREB VISCO. at 25 <sup>0</sup> C)	:	90 – 100 KU
Finish	:	Matt
Flash Point	:	37 <sup>0</sup> C
Specific Gravity	:	1.34 ± 0.02 kg/L
Solid by Volume (%)	:	52.0 ± 1.0
Coverage rate	:	16 – 18 m <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. Remove rust and, mill scale by steel brush or wire brush.
3. Apply 1-2 coats of **EBM** Synthetic Grey oxide prime by cross-coat technique in order to obtain a high-build and ensure optimum spreading.
4. For adhesion non-ferrous substances, apply one coat of special primer to be followed by **EBM** synthetic Grey oxide primer.

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### **EBM Synthetic Grey Oxide Primer**

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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 Red Oxide Primer can be also used by brush and roller.		

#### **Drying time (at 30°C):**

Touch dry	:	2 - 4 hours
Hard dry	:	12 hours
A second coat can be applied after 12 hours		

#### **Subsequent Coats:**

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

#### **Colors:** Grey

#### **Packing:** 18 Liter drum, 3.75 Liter Gallon, One Litter Can, 20kg

#### **Remarks:**

##### Before Application

- Stir thoroughly
- Check Temperature above 5°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.