

## Technical Data Sheet

### EBM GP Epoxy Primer

EP2000

**Description :** A high build two component solvent type Epoxy Primer based on high Molecular weight Epoxy resin and Special Poly Amide Hardener, to Form a two component Epoxy Primer, recommended for interior Cement And Steel Surfaces.

#### **Features:**

1. Flexible and smooth finish
2. Good Hiding Coverage
3. Good abrasion resistance
4. Excellent resistance to mild Acids and Chemicals

#### **Physicals Properties:**

Type of Hardener	:	Polyamide Resin
Finish	:	Egg Shell
Flash Point	:	26°C (mixed)
Specific Gravity	:	Comp.A 1.44 kg/L $\pm$ 0.02 (depends on color) Comp.B 0.90 kg/L $\pm$ 0.02 Mix. App 1.36 kg/L $\pm$ 0.02
Solid by Volume (mixed)	:	53 $\pm$ 2 %
Coverage rate	:	8 - 10m <sup>2</sup> /Liter
Dry film thickness	:	50 - 60 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. For old painting, remove the old paint as much as possible by wire brush blasting or by mechanical tool, remove the rust completely and clean the surface.
3. New Application sand the entire surface by any mean available, then remove the dust completely.
4. Clean the surface with **EBM** TH600 epoxy thinner.
5. Apply thin Primary Coat to be followed by full coat of **EBM** GP Epoxy Primer.
6. For certain thickness additional coats may be applied.

# EBM

Coatings and Chemicals

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### Dilution and Application:

Type of thinner	:	TH600
Percentage of thinning	:	0 - 5% by volume
Mixing ratio	:	3.5-1 (part A: part B Vol. / Vol.)
Pot life (after mixing at 30 <sup>0</sup> C)	:	5 – 6 hours
For Air less spray gun	:	nozzle orifice 0.015 – 0.018 inch Output pressure 120 – 140 bar
For Air Spray Gun	:	nozzle orifice 1.0 – 1.5mm Output pressure 2 – 3 bar

EBM GP Epoxy Primer can be used by roller

### Drying time (at 30<sup>0</sup>C):

Touch dry	:	2 – 4 hours
Hard dry	:	6 – 8 hours
Second coat	:	8 hours
Full Cure	:	7 days

### Subsequent Coats:

EBM EP Epoxy Top Coat Gloss  
EBM EP Epoxy Top Coat High build

EBM EP Epoxy Floor  
EBM EP Epoxy Tank

Colors: White and Grey

Packing: (14 Liter drum + 4 Liter Gallon Hardener), (3.5 Liter Gallon + 1 Liter Hardener)

### 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 Thinner TH600.
- Close the cans after used
- Store in dry and cool area

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