

# EBM

Coatings and Chemicals

## Technical Data Sheet

**EBM** EP Epoxy Floor

**EP6001**

**Description :** A two component solvent type Epoxy Floor, based on high molecular Weight epoxy resin, and special polyamide hardener, for interior use to Prevent wear and tear of floors and to resist the effect of splash of Chemicals on concrete floors.

**Features:**

1. Good leveling on different types of floors
2. Outstanding Mechanical properties
3. Good abrasion resistance
4. Excellent resistance to mild Acids and Chemicals
5. Maintaining dust-free atmosphere

**Physicals Properties:**

Type of Hardener	:	Polyamide resin
Finish	:	Semi-gloss
Flash Point	:	26 <sup>0</sup> C (mixed)
Specific Gravity	:	Comp.A 1.70 kg/L $\pm$ 0.1 (depends on color) Comp.B 0.9 kg/L $\pm$ 0.02 Mix. App 1.30 kg/L + 0.02
Solid by Volume (mixed)	:	72 $\pm$ 2
Coverage rate	:	3 - 4m <sup>2</sup> /Liter
Dry film thickness	:	150 micron
Shelf Life (dry and cool store)	:	One year

**Surface Preparation and Application Method:**

1. The concrete floor should be dry, free from dirt, oil, grease and powdery material.
2. The new concrete floor must be aged three months before painting.
3. For quick painting Acid Etching (10% HCl) followed by washing the floor with plenty of water is recommended.
4. After complete drying, apply 1 – 2 coats of **EBM** EP Epoxy Sealer Clear for sealing the porous and binding the dust.
5. Apply 2 – 3 coats of **EBM** Epoxy Floor.

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### Dilution and Application:

Type of thinner	:	TH600
Percentage of thinning	:	No thinning required (ready to use)
Mixing ratio	:	3: 1 (part A: part B Vol/Vol)
Pot life (after mixing at 30 <sup>0</sup> C)	:	5 – 6 hours
Tools	:	Spatula, trowel or rubber wiper

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

Touch dry	:	2 – 3 hours
Hard dry	:	6 – 8 hours
Second coat	:	8 hours
Full Cure	:	7 days

### Subsequent Coats:

NONE

Colors: White, Grey and other colors

Packing: (14 Liter drum + 4.5 Liter Gallon Hardener), (3 Liter Gallon + 1 Liter Hardener)

### Remarks:

Before Application

- Stir thoroughly
- Allow the mixture to mature for 10 – 15 minutes before application
- Check Temperature above 10<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.

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