

EBM

Coatings and Chemicals

Technical Data Sheet

EBM EP Epoxy Filler

EP5000

Description : A two component solvent type Epoxy Filler putty based on high Molecular weight epoxy resin, and curing agent, to fill the minor holes And cracks of concrete floors, water tanks, cement plaster and bar Asbestos.

Features:

1. High filling power
2. Good inter-coat Adhesion
3. Excellent Mechanical properties

Physicals Properties:

Type of Hardener	:	Special resin
Finish	:	Flat
Flash Point	:	25 ⁰ C (mixed)
Specific Gravity	:	Comp.A 2.0 kg/L Comp.B 0.9 kg/L Mix. App 1.90 kg/L
Solid by Volume (mixed)	:	60 ± 2
Coverage rate	:	2 - 3m ² /Liter
Dry film thickness	:	250 - 500 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 concrete, apply one coat of **EBM** Epoxy Sealer Clear.
3. For steel apply one coat of **EBM** Zinc Phosphate Primer.
4. Fill all holes and crack with **EBM** EP Epoxy Filler.

Doha Factory for Paints and Chemicals

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Dilution and Application:

Type of thinner	:	TH600
Percentage of thinning	:	0 - 3% by volume
Mixing ratio	:	10: 1 (part A: part B Vol/Vol)
Pot life (after mixing at 30 ⁰ C)	:	4 – 5 hours
Tools	:	Spatula, Trowel and Knifing putty

Drying time (at 30⁰C):

Touch dry	:	5 – 6 hours
Hard dry	:	16 hours
Second coat	:	16 hours
Full Cure	:	7 days

Subsequent Coats:

EBM EP Epoxy Sealer Clear
EBM EP Epoxy GP Primer
EBM EP Epoxy Zinc Phosphate Primer
EBM EP Epoxy Zinc Rich Primer

Colors: White and Grey

Packing: (18 Liter drum + 3.6 Liter Gallon Hardener), (4 Liter Gallon + 0.8 Liter Hardener)

Remarks:

Before Application

- Stir thoroughly
- Allow the mixture to mature for 10 – 15 minutes before application
- Check Temperature above 10⁰C 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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