

EBM

Coatings and Chemicals

Technical Data Sheet

EBM EP Epoxy Tank

EP6000

Description : A two component solvent type Epoxy Tank for protecting portable water Tanks, based on high molecular weight epoxy resin, and special type of Amino resin curing agent, for interior use recommended for concrete and Steel tanks.

Features:

1. Excellent barrier to water
2. Excellent barrier to vegetable and mineral oils
3. Good barrier to diesel oil, alkalis and week acids

Physicals Properties:

Type of Hardener	:	Polyamide resin
Finish	:	Eggshell
Flash Point	:	26 ⁰ C (mixed)
Specific Gravity	:	Comp.A 1.80 kg/L \pm 0.1 (depends on color) Comp.B 0.9 kg/L \pm 0.02 Mix. App 1.35 kg/L + 0.02
Solid by Volume (mixed)	:	70 \pm 2
Coverage rate	:	3 - 4m ² /Liter
Dry film thickness	:	150 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 steel tanks, sand blasting the surface up to Sa 2.5.
3. Apply 2 – 3 coats of **EBM** EP Epoxy Tank (150 micron thickness).
4. For concrete Tanks, apply one coat of **EBM** Epoxy Sealer Clear.
5. For certain thickness additional coats may be applied.
6. Apply one coat of **EBM** EP Epoxy Tank (150 micron thickness).

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Dilution and Application:

Type of thinner	:	TH600
Percentage of thinning	:	0 - 5% by volume
Mixing ratio	:	3: 1 (part A: part B Vol/Vol)
Pot life (after mixing at 30 ⁰ C)	:	4 – 5 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 EP Epoxy Tank can be used by roller

Drying time (at 30⁰C):

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

Subsequent Coats:

NONE

Colors: White and Grey

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 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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