

EBM

Coatings and Chemicals

Technical Data Sheet

EBM PU Poly Urethane Primer

PU2000

Description : A General purpose two component Poly Urethane pigmented base coat Primer, based on special resin and Polyisocyanate curing agent, for all Kinds of interior and exterior wood applications.

Features:

1. High hiding power capacity
2. High filling
3. Excellent manual and mechanical sand ability
4. High build and smooth finish
5. Good Yellowing resistance

Physicals Properties:

Viscosity (Rot thinner at 25 ⁰ C)	:	25 - 30 poise
Finish	:	Matt
Flash Point	:	25 ⁰ C
Specific Gravity (mixed)	:	1.33 ± 0.02 kg/L
Solid content (mixed)	:	58 ± 2
Coverage rate	:	8 – 10 m ² /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. Sand the entire surface and remove all the dust.
3. Apply 2 -3 coats of **EBM** PU Poly Urethane Primer, leaving 1 – 2 hours between each coat.
4. Fill holes and cracks with **EBM** NC Wood Filler.
5. Sand the surface completely and remove the dust.

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Dilution and Application:

Type of thinner	:	TH300
Percentage of thinner	:	20 - 30% volume
Mixing ratio	:	3: 1 (part A: part B Vol/vol)
Pot life (after mixing at 30 ⁰ C)	:	2 – 3 hours
For Air spray gun	:	nozzle orifice 1.0 – 1.5mm
		Output pressure 2 – 3 bar

EBM PU Poly Urethane Primer can be used by brush but limited

Drying time (at 25⁰C):

Touch dry	:	1 – 2 hours
Hard dry	:	6 – 8 hours
Sand ability	:	12 hours
Over Coat	:	16 hours

Subsequent Coats:

EBM PU Poly Urethane Top Coat (Matt, 10% Gloss, 30% Gloss Semi-gloss, Hi Gloss)

Colors: White

Packing: (20 Liters drum + 10 Liters Drum Hardener) (5 Liters Gallon + 2.5 Liters Gallon 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 TH300
- 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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