

EBM

Coatings and Chemicals

Technical Data Sheet

EBM PU Poly Urethane Sanding Sealer

PU1000

Description : A high quality two component Poly Urethane Sanding Sealer Clear base Coat for all kinds of wooden surfaces ideal for all types of Veneer, for Interior wood application in furniture industry.

Features:

1. Hi penetrating power
2. Quick drying
3. Excellent Sand ability
4. High build and smooth finish
5. Ideal for Polyurethane and Acrylic Top coats
6. Good Sagging resistance

Physicals Properties:

Viscosity (Rot thinner at 25 ⁰ C)	:	20 - 25 poise
Finish	:	Eggshell
Flash Point	:	25 ⁰ C
Specific Gravity (mixed)	:	0.99 ± 0.02 kg/L
Solid content (mixed)	:	40 ± 2
Coverage rate	:	10 – 12 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. If required, stain the surface by **EBM** wood stain colors.
4. Apply 2 -3 coats of **EBM** PU Poly Urethane Sanding Sealer, leaving 1 – 2 hours between each coat

Doha Factory for Paints and Chemicals

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Dilution and Application:

Type of thinner	:	TH300
Percentage of thinner	:	15 - 20% volume
Mixing ratio	:	2: 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 Sanding Sealer can be used by brush but limited

Drying time (at 25⁰C):

Touch dry	:	30 – 40 minutes
Hard dry	:	5 – 6 hours
Second coat	:	2 – 3 hours
Sand ability	:	18 – 20 hours

Subsequent Coats:

EBM PU Poly Urethane Clear	(Matt, 10% gloss, 30% gloss, Semi-gloss, Gloss)
EBM AC Acrylic Clear 2k	(Matt, 10% gloss, 30% gloss, Semi-gloss, Gloss)

Colors: Transparent

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 5 – 10 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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