

# EBM

Coatings and Chemicals

## Technical Data Sheet

<b>EBM PU Poly Urethane Clear</b>	<b>PU3000</b> Matt	<b>PU3010</b> 10% Gloss	<b>PU3030</b> 30% Gloss	<b>PU3050</b> Semi-gloss
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**Description :** A high quality two component Poly Urethane Clear Top Coat for all Kinds of wooden surfaces, ideal for all types of Veneer, for interior wood Application in furniture industry.

### Features:

1. Good flow and leveling
2. Hard and flexible
3. Excellent scratch resistance
4. High build and smooth finish
5. Good Yellowing resistance

### Physicals Properties:

Viscosity (Rot thinner at 25 <sup>0</sup> C)	:	20 - 25 poise
Finish	:	Matt, 10% Gloss, 30% Gloss, Semi-gloss
Flash Point	:	25 <sup>0</sup> C
Specific Gravity (mixed)	:	0.96 ± 0.02 kg/L
Solid content (mixed)	:	37 ± 2
Coverage rate	:	10 – 12 m <sup>2</sup> /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.
5. Sand the surface completely and remove the dust.
6. Apply 1 – 2 coats of **EBM** PU Poly Urethane Clear (Matt, 10%Gloss, 30% Gloss, Semi-gloss).

**Doha Factory for Paints and Chemicals**

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### Dilution and Application:

Type of thinner	:	TH300
Percentage of thinner	:	20 - 30% volume
Mixing ratio	:	2: 1 (part A: part B Vol/vol)
Pot life (after mixing at 30 <sup>0</sup> C)	:	4 – 5 hours
For Air spray gun	:	nozzle orifice 1.0 – 1.5mm Output pressure 2 – 3 bar

**EBM PU Poly Urethane Clear can be used by brush but limited**

### Drying time (at 25<sup>0</sup>C):

Touch dry	:	3 – 4 hours
Hard dry	:	15 – 16 hours

### Subsequent Coats:

NONE

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 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 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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