

EBM

Coatings and Chemicals

Technical Data Sheet

EBM PU Poly Urethane Clear Gloss

PU3090

Description : A high Gloss premium quality two component Poly Urethane Clear Top Coat for all kinds of wooden surface, 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
6. Excellent Gloss retention

Physicals Properties:

Viscosity (Rot thinner at 25 ⁰ C)	:	20 - 25 poise
Finish	:	Hi Gloss
Flash Point	:	25 ⁰ C
Specific Gravity (mixed)	:	0.94 ± 0.02 kg/L
Solid content (mixed)	:	36 ± 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.
5. Sand the surface completely and remove the dust.
6. Apply 1 – 2 coats of **EBM** PU Poly Urethane Clear Gloss.
7. Wax or rubbing compound can be used after 24 hours to achieve maximum Gloss.

Doha Factory for Paints and Chemicals

Tel-44504119 - Fax: 44510566 - P.O.Box:35409. New Industrial Area-Doha Qatar

E-mail: info@dohapaints.com. www.dohapaints.com

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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)	:	5 – 6 hours
For Air spray gun	:	nozzle orifice 1.0 – 1.5mm Output pressure 2 – 3 bar

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

Drying time (at 25⁰C):

Touch dry	:	3 – 4 hours
Hard dry	:	15 – 16 hours
Wax or Polish	:	24 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 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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