

EBM

Coatings and Chemicals

Technical Data Sheet

EBM PU Poly Urethane Glossy Top Coat

PU4090

Description :

A superb quality two component Poly Urethane pigmented Glossy Top Coat, based on special resin and Polyisocyanate curing agent, for all kinds Of wooden surfaces, for interior wood application in furniture industry.

Features:

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

Physicals Properties:

Viscosity (Rot thinner at 25 ⁰ C)	:	25 - 30 poise
Finish	:	Hi Gloss
Flash Point	:	25 ⁰ C
Specific Gravity (mixed)	:	1.15 ± 0.02 kg/L
Solid content (mixed)	:	53 ± 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.
6. Apply 1 – 2 coats of **EBM** PU Poly Urethane Gloss Top Coat.
7. Wax and rubbing compound can be used to achieve maximum Gloss.

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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 ⁰ C)	:	4 – 5 hours
For Air spray gun	:	nozzle orifice 1.0 – 1.5mm Output pressure 2 – 3 bar

EBM PU Poly Urethane Glossy Top Coat can be used by brush but limited

Drying time (at 25⁰C):

Touch dry	:	5 – 6 hours
Hard dry	:	15 – 16 hours
Wax	:	2 – 3 days

Subsequent Coats:

NONE

Colors: EBM Industrial Color Card

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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