

# 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 <sup>0</sup> C)	:	20 - 25 poise
Finish	:	High Gloss
Flash Point	:	25 <sup>0</sup> C
Specific Gravity (mixed)	:	0.94 ± 0.02 kg/L
Solid content (mixed)	:	36 ± 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 Gloss.
7. Wax or rubbing compound can be used after 24 hours to achieve maximum Gloss.

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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)
Potlife (after mixing at 30 <sup>0</sup> 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 30<sup>0</sup>C):

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 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.