

# EBM

Coatings and Chemicals

## Technical Data Sheet

### **EBM 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 kind 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 (Rotothinner at 25 <sup>0</sup> C)	:	25 - 30 poise
Finish	:	High Gloss
Flash Point	:	25 <sup>0</sup> C
Specific Gravity (mixed)	:	1.15 ± 0.02 kg/L
Solid content (mixed)	:	53 ± 2
Coverage rate	:	8 – 10 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. Apply 2 -3 coats of **EBM 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 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°C)	:	4 – 5 hours
For Air Spray gun	:	nozzle orifice 1.0 – 1.5mm Output pressure 2 – 3 bar

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

#### **Drying time (at 30°C):**

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

#### **Subsequent Coats:**

**NONE**

**Colors:** EBM Industrial Color Card

**Packing:** (25 Liters drum + 12.5 Liters Drum Hardener) (5 Liters Gallon + 2.5 Liters Gallon)

#### **Remarks:**

Before Application

- Stir thoroughly
- Allow the mixture to mature for 10 – 15 minutes before application
- Check Temperature above 10°C and relative humidity less than 85%

After Application

- Clean all tools used immediately with TH250
- Close the cans after used
- Store in dry and cool area

For more information, don't hesitate to contact our Technical Department.