



PU SEMIGLOSS (PIGMENTED)

General Description:

PU SEMIGLOSS (PIGMENTED) is a polyurethane material based on saturated polyester resin. It is formulated to give a maximum opacity, thanks for the high quality of raw material. Furthermore, PU SEMIGLOSS (PIGMENTED) is resistant to both extreme weather with no – yellowing effect, resistant to abrasion and provides a very smooth finish.

Major Uses:

Highly recommended to all woodworks, furniture such as beds, cabinets, chairs, sofas, doors and frames, turned pieces and the likes.

Characteristics and Physical Properties:

Appearance	Semi Gloss
Colour	as per RAL/NCS/ APS
Specific Gravity (20 ⁰ C)	1.23 + / - 0.2 kg / lit.
Viscosity (25 ⁰ C,FC # 4)	40 - 60 sec.
Flash Point	21 ⁰ C
Non – Volatile (Wt.%)	50 - 65
Gloss (60 ⁰)	40 - 60
Application Condition	
Air Temperature	5 ~ 35 ⁰ C
Relative Humidity	Max. 85%
Application Method	Brush, Spray or Roller
Recommended Catalyst	Catalyst # 013
Thinner	PU Thinner # 105/205
Mixing / Dilution Ratio (FC # 4 13 ~15 Sec.)	Base : Catalyst : Thinner 100 50 25 ~ 30
Pot Life (20 ⁰ C)	5 ~ 6 hrs.
Drying Time (20 ⁰ C)	
Dust Free	15 – 17 min.
To Touch	45 – 60 min.
To Recoat	2 – 3 hrs.
Hard	24 – 36 hrs.
Coating Rate	6-8 m ² /lit.
Base Coat	PU 153/Plastofil 350

Method of Application:

- The surface to be top coated should be primed with either polyurethane primer or polyester primer white.
- It should be cleaned, well – sanded and free from dust, oil, water and other contaminants to ensure long lasting effect.
- For cracks, crates and nail holes, it is advisable to fill with either Putty filler, Putty white # 2185 or Polyester putty.
- Apply 1 – 2 coats of PU SEMIGLOSS (PIGMENTED) horizontally and vertically.
- One coat may be sufficient for ordinary finish however; one additional coat can be applied wet on wet if necessary. Light sanding with 400 ~ 600 grit sand paper is recommended before subsequent coats, when recoating time exceeds 3 hrs.

Packing:

Available in 1Usg, 20 lit. Pail and 200lit Drum.

Storage:

Shelf life 12 months minimum if stored below 25⁰C.

Cleaning of Tools:

All tools should be cleaned with Wash Thinner or PU Thinner # 105 as soon as possible.

Physiological Hazards:

PU SEMIGLOSS (PIGMENTED) and Catalyst # 013 do not contain dangerous solvents; nevertheless, good ventilation in working rooms is recommended as well as the use of safety tools and equipment. PU SEMIGLOSS (PIGMENTED) and Catalyst # 013, in its liquid state is flammable and harmful if swallowed.

The above information is given to the best of our knowledge based on laboratory test and practical experience. However, as the paint is often used under condition beyond our control, we cannot guarantee anything but the quality of the paint itself. We reserve the right to change the given data without prior notice.

MAS PAINTS & CHEMICAL INDUSTRY

P.O. BOX NO: 23085, SAJJAH INDUSTRIAL AREA, SHARJAH, U.A.E

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If contact with eyes or skin occurs, wash well with fresh water.

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