



PU GLOSS (PIGMENTED)

General Description:

PU GLOSS is a polyurethane material based on saturated polyester resin. It is formulated to give a maximum whiteness, thanks for the high quality of raw material. Furthermore, PU GLOSS 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	Liquid Pigmented
Color	RAL/NCS/APS
Specific Gravity	1.0 – 1.23 +/- 0.2 kg/L
Viscosity	40" (25 ⁰ C FC # 4)
Flash point	21 ⁰ C
Solid content	65%
Gloss (60 ⁰)	90-95
Application condition Air temperature Relative humidity	5 ~ 35 ⁰ C 85% max.
Application method	Auto or conventional spray / Curtain coater
Catalyst	Catalyst # 016
Thinner	PU Thinner # 105/205
Mixing/Dilution Ratio (FC # 4 = 13~15 sec.)	Base :Catalyst:Thinner 100 50 20-25
Pot life (25 ⁰ C)	5 – 6 hours
Drying time (25 ⁰ C) Dust free To touch Recoat Hard	15 - 17 min 45 - 60 min 2 - 3 hours 24 -36 hours
Coating rate	8 - 10 m ² /L
Recoating	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 required prior to subsequent coating

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.
- To obtain a smooth finish, ensure that the basecoat is sufficient to avoid uneven and irregular surface.
- 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 GLOSS (PIGMENTED) horizontally and vertically.

Packing:

Available in 1Usq, 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 GLOSS and Catalyst # 016 do not contain dangerous solvents; nevertheless, good ventilation in working rooms is recommended a well as the use of safety tools and equipment. PU GLOSS and Catalyst # 016 in its liquid state is flammable and harmful if swallowed. If contact with eyes or skin occurs, wash well with fresh water

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.

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