



## PU GLOSS (PIGMENTED) (LOW VOC)

### General Description:

PU GLOSS (PIGMENTED) 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 (PIGMENTED) is resistant to both extreme weather with no – yellowing effect, resistant to abrasion and provides a very smooth finish. PU GLOSS (PIGMENTED) meets the VOC content limit of Annex II, Phase II, Table A of European Directive 2004/42/EC:2004

### 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
Colour	RAL / NCS
Specific weight	1.23+/-0.2 kg/L
Viscosity (25 <sup>0</sup> C)	40-60" FC # 4
Flash point	21 <sup>0</sup> C
Non-volatile	61-64%
Gloss (60 <sup>0</sup> )	80-90
Application condition: Air temperature Relative humidity	5 ~ 35 <sup>0</sup> C 85% max.
Application method	Conventional or automatic spray
Catalyst	Catalyst # 016
Mixing/Dilution Ratio (FC # 4 @ 13~15 sec.)	Base:Catalyst:Thinner 100 : 50 : 25~30
Pot life (25 <sup>0</sup> C)	5-6 hours
Drying time @ 25 <sup>0</sup> C Dust free To touch To recoat Hard dry	15-17 min. 45-60 min. 2-3 hours 24-36 hours
Coating rate	8-10 m <sup>2</sup> /L
Pencil Hardness	H-2H
Basecoat	PU Primer or Polyester Primer

### 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.

### Recoating:

One coat may be sufficient for ordinary finish. However, 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 hours.

### Packing:

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

### Storage:

Shelf life 12 months minimum if stored below 25<sup>0</sup>C.

### Cleaning of Tools:

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

### Physiological Hazards:

PU GLOSS (PIGMENTED) and Catalyst # 016 do not contain dangerous solvents; nevertheless, good ventilation in working rooms is recommended as well as the use of safety tools and equipment. PU GLOSS (PIGMENTED) 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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