



# PU GLOSS CLEAR

## General Description:

PU GLOSS CLEAR is a polyurethane glossy varnish based on poly – functional saturated polyester resin. A varnish of two component materials with excellent covering properties and optimum brilliant finish. Due to its high solid content, it provides a U.V. resistance; resistant to weathering and some limited acid spillage.

## Major Uses:

Highly recommended for household furniture such as beds, cabinets, chairs, sofas, doors and frames turned pieces and likes.

## Characteristics and Physical Properties:

Appearance	Liquid Transparent.
Specific Gravity (20°C)	0.95 kgs. / lit.
Viscosity (25°C,FC # 4)	25 + / - 0.5 sec.
Flash Point	20°C
Non – Volatile (Wt.%)	48 + / - 0.5
VOC Content	610 g/li.
Application Condition Air Temperature Relative Humidity	5 ~ 35°C Max. 85%
Application Method	Brush, Spray or Roller
Recommended Catalyst	Catalyst # 003
Thinner	PU Thinner # 105/205
Mixing / Dilution Ratio (wt%)	Base : Hardener : Thinner 100 50 35 – 50
Pot Life (20°C )	6 ~ 8 hrs.
Drying Time (20°C) Dust Free To Touch To Recoat Hard	10 – 20-min. 35 – 45 min. 2 – 3 hrs. 24 – 36 hrs.
Coverage	5 ~ 7 m <sup>2</sup> / lit.
Recoating	minimum 30 min ~ max 3 hrs. medium sanding with 240 / 360 mesh sand paper is recommended before subsequent coat is needed.

## Method of Application:

- The surface to be topcoated should be primed with either polyurethane primer or polyester primer.
- It should be cleaned, well – sanded and free from dust, oil, water and other contaminants.
- To a well – prepared surface, apply 1 – 2 coats of PU GLOSS CLEAR horizontally and vertically.
- If additional coat is required to obtain a good finish, light sanding is necessary with 600-800 grit sandpaper is recommended prior to final coating.

## Packing:

Available in USG and 25KG (Pail).

## Storage:

Shelf life 12 months minimum if stored below 25°C.

## Cleaning of Tools:

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

## Physiological Hazards:

PU GLOSS CLEAR and Catalyst # 003 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 CLEAR is flammable and harmful if swallowed. If contact with eyes or skin occurs, wash well with fresh water and seek immediate medical advice.

*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.*