

## General Description:

PU METALLIC is a polyurethane lacquer based on saturated polyester resin with lustre pigment component. It is formulated to give a metallic effect, thanks for the high quality of raw material. Furthermore, PU METALLIC is resistant to both extreme weather with less – yellowing effect, resistant to abrasion and provides a very good finish.

## Major Uses:

Highly recommended to all woodworks, furniture such as beds, cabinets, chairs, sofas, doors and frames, turned pieces and the likes that requires a unique glittering effect.

## Characteristics and Physical Properties:

Appearance	Metallic finish		
Specific gravity	1.0-1.2 kg/L		
Viscosity (25°C)	30-40" FC # 4		
Flash point	20°C		
% Solids (w)	60-65		
Gloss	Matt / Semi / Gloss		
Application condition	5~35°C		
Air temperature	85% max.		
Relative humidity			
Application method	Brush / Auto spray / Conventional spray		
Recommended Catalyst	Matt / Semi 013	Gloss 016	
Thinner	PU Thinner # 205		
Summer	PU Thinner # 105		
Winter			
Mixing ratio (V) (Viscosity = 13-15")	Base 100	Catalyst 50	Thinner 25-35
Pot life	4-5 hours		
Drying time	15-17 minutes		
Dust free	45-60 minutes		
Touch dry	2-3 hours		
Recoat	24-36 hours		
Hard			
Coating rate	6 – 8 m <sup>2</sup> /L		
Basecoat	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.
- 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 Putty filler, NC Putty white # 2185 or Polyester putty.
- Apply 1–2 coats of PU METALLIC horizontally and vertically.

## 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 mesh 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°C.

## Cleaning of Tools:

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

## Physiological Hazards:

PU METALLIC and Catalyst # 013 do not contain dangerous solvents; nevertheless, good ventilation in working rooms is recommended a well as the use of safety tools and equipment. PU METALLIC and corresponding catalyst, 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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