



## PU SEMIGLOSS # 1070 WHITE

### General Description:

PU SEMIGLOSS # 1070 WHITE 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 SEMIGLOSS # 1070 WHITE 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	Semigloss
Colour	White
Specific gravity	1.23 +/- 0.2 kg/L
Viscosity	40-60" FC # 4 @ 25°C
Flash point	21°C
Non-volatile	63%
Gloss (60°)	40-60
Application condition: Air temperature Relative humidity	5~35°C 85% max.
Application method	Auto/conventional Spray
Recommended catalyst	PU Catalyst # 013
Thinner	Thinner # 105 (std) Thinner # 205 (summer)
Mixing ratio	Base:Catalyst:Thinner 100 : 50 : 20-25%
VOC	625 g/L
Pot life	3-4 hours @ 25°C
Drying time (25°C) Dust free To touch Recoat Hard	
Coating rate	6-8 m <sup>2</sup> /L
Basecoat	PU Primer # 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 # 1070 WHITE 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 1Usq, 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 SEMIGLOSS # 1070 WHITE 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 # 1070 WHITE and Catalyst # 013, in its liquid state is flammable and harmful if swallowed. If contact with eyes or skin occurs, wash well with fresh water.