



# PU HI-GLOSS # 2240 WHITE

## General Description:

PU HI-GLOSS # 2240 WHITE is a polyurethane material based on hydroxylated polyester resin. It is formulated to give a maximum gloss, thanks for the high quality of raw material. Furthermore, PU HI-GLOSS # 2240 WHITE is resistant to both extreme weather with non – yellowing effect, resistant to scratch and abrasion. It provides a very smooth and brilliant finish.

## Characteristics and Physical Properties:

Appearance	Liquid Pigmented
Colour	White
Specific weight	1.25 kg/L
Viscosity (25°C)	38" FC # 4
Flash point	25°C
Non-volatile	45%
VOC content	580 g/L
Gloss (60°)	>95
Application condition: Air temperature Relative humidity	5 ~ 35°C 85% max.
Application method	Conventional or automatic spraying
Recommended Catalyst	Catalyst # 036
Mixing/Dilution Ratio (FC # 4 @ 13~15 sec.)	Base:Catalyst:Thinner 100 : 50 : 15~20
Pot life (25°C)	3-4 hours
Drying time @ 25°C Dust free To touch To recoat Hard dry	20-25 min. 45-60 min. 2-3 hours 24-36 hours
Coating rate	7-9 m <sup>2</sup> /L
Pencil Hardness	H-2H
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 recommended before subsequent coats when recoating time exceeds 3 hours.

## Major Uses:

Highly recommended to all woodworks, furniture such as beds, cabinets, chairs, sofas, doors and frames, turned pieces and the likes.

## 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, NC Putty # 2185 White or Polyester putty.
- Apply 1 – 2 coats of PU HI-GLOSS # 2240 WHITE horizontally and vertically.

## 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 HI-GLOSS # 2240 WHITE and Catalyst # 036 do not contain dangerous solvents; nevertheless, good ventilation in working rooms is recommended as well as the use of safety tools and equipment. PU HI-GLOSS # 2240 WHITE and Catalyst # 036 in its liquid state is flammable and harmful if swallowed. If contact with eyes or skin occurs, wash well with fresh water and consult 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.*

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