

## General Description:

PU GLOSS LV/5190 WHITE is a polyurethane material based on polyfunctional saturated polyester resin. It is formulated to give a maximum glossiness and whiteness, thanks for the high quality of raw material. Furthermore, the product is resistant to both extreme weather with no – yellowing effect, resistant to abrasion and provides a very smooth finish. PU GLOSS LV/5190 WHITE 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 white
Specific Gravity	1.23 +/- 0.2 kg/L
Viscosity ( 25 <sup>0</sup> C FC # 4)	40 – 60 sec.
Flash point	21 <sup>0</sup> C
Solid content	65%
Gloss ( 60 <sup>0</sup> )	90-95
Application condition	
Air temperature	5 ~ 35 <sup>0</sup> C
Relative humidity	85% max.
Application method	Auto or conventional spray / Curtain coater
Recommended Catalyst	Catalyst LV/16
Thinner	PU Thinner # 205
Mixing/Dilution Ratio (FC # 4 = 13~15 sec.)	Base :Catalyst:Thinner 100 50 20-25
Pot life (25 <sup>0</sup> C)	5 – 6 hours
Drying time (25 <sup>0</sup> C)	
Dust free	15 - 17 min
To touch	45 - 60 min
Recoat	2 - 3 hours
Hard	24 -36 hours
Coating rate	8 - 10 m <sup>2</sup> /L

## Method of Application:

- The surface to be coated should be primed with PU Primer LV/253 White
- It should be cleaned, well – sanded and free from dust, oil, water and other contaminants to ensure long lasting effect.
- Apply 1 – 2 coats of PU GLOSS LV/5190 WHITE, horizontally and vertically.
- In any case that recoating is required, additional coats can be applied wet on wet.
- Light sanding with 600-800 grit sandpaper is recommended before subsequent coats when the material has been dried for more than 24 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 as soon as possible.

## Physiological Hazards:

PU GLOSS LV/5190 WHITE and Catalyst LV/16 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 LV/5190 WHITE and Catalyst LV/16, in its liquid state 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.*

## MAS PAINTS & CHEMICAL INDUSTRY

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