

General Description:

PU MATT CLEAR NY is a polyurethane material based on polyfunctional saturated polyester resin. It is formulated to give a silky touch, thanks for the high quality of raw material. Furthermore, PU MATT CLEAR NY has a good film colour retention 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	Opalescent liquid
Specific Gravity	0.980 +/- 0.2 kg/L
Viscosity (25 ⁰ C FC # 4)	45 - 50 sec.
Flash point	20 ⁰ C
Solid content	42%
Gloss (60 ⁰)	10 / 20 / 30
Application condition	
Air temperature	5 ~ 35 ⁰ C
Relative humidity	85% max.
Application method	Auto or conventional spray / Curtain coater
Recommended catalyst	Catalyst # 033
Thinner	PU Thinner # 105/205
Mixing/Dilution Ratio (FC # 4 = 13~15 sec.)	Base :Catalyst:Thinner 100 50 20-25
Pot life (25 ⁰ C)	5 – 6 hours
Drying time (25 ⁰ C)	
Dust free	20 – 25 min
To touch	45 – 60 min
Recoat	3 – 4 hours
Hard	24 - 36 hours
Coating rate	7 -8 m ² /L

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.
- Apply 1-2 coats of PU MATT CLEAR NY, horizontally and vertically.
- One or two coats may be sufficient for ordinary finish; however, additional coats can be applied wet on wet. If necessary. Light sanding with 600-800 grit sandpaper is recommended before subsequent coats.

Packing:

Available in 1USG, 20 lit. Pail and 200lit Drum.

Storage:

Shelf life 12 months minimum if stored below 25⁰C.

Cleaning of Tools:

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

Physiological Hazards:

PU MATT CLEAR NY and Catalyst # 033 do not contain dangerous solvents; nevertheless, good ventilation in working rooms is recommended as well as the use of safety tools and equipment. PU MATT CLEAR NY and Catalyst # 033, 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.

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