



PU CLEAR GLOSS # 033 / NY

General Description:

PU CLEAR GLOSS # 033 / NY is a polyurethane glossy varnish based on hydroxylated acrylic and saturated polyester cured with isocyanates. It has excellent covering properties and optimum brilliant finish with non – yellowing characteristics.

Major Uses:

Recommended for household furniture, doors, frames and tables. It is developed for non – yellowing finishes when incorporated with aliphatic isocyanates.

Characteristics and Physical Properties:

Appearance	clear
Specific Gravity	0.98 – 1.00
Viscosity(25 ⁰ C “FC # 4)	30 + / - 5
Flash Point	>23 ⁰ C
Non – Volatile (Wt.%)	Base ->47%
	Hardener ->27%
Gloss (60 ⁰)	90 – 100%
Application Condition	Air Temp. -5 ~35 ⁰ C Relative Humidity -max 85%
Application Method	Brush, spray, roller
Thinner	PU Thinner # 105
Mixing / Dilution ratio (Wt.%)	Base Hardener Thinner 100 50 20 – 25
Recommended Catalyst	Catalyst # 045
Pot Life	8 – 12 hrs.
Pencil Hardness	HB - H

Drying Time:

Dust Free	@25 ⁰ C	20 – 25 min.
To Touch	@25 ⁰ C	30 – 45 min.
To Recoat	@25 ⁰ C	2 – 3 hrs.
Hard	@25 ⁰ C	24 – 36 hrs.
Fully Cured	@25 ⁰ C	3 days.

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.

Coverage:

8 – 10 m² / lit. (80 – 120 gms. /m²)

Surface Preparation:

- The surface to be top coated should be primed with either polyurethane or non – yellowing or Acrylic Sealer.
- One coat may be sufficient for ordinary finish. However one additional coat can be applied if necessary.
- Light sanding with 400 / 600 mesh sand paper is recommended before subsequent coat when recoating time exceeds 3 hrs. and ensure that traces of wax and other contaminants are removed from the surface.

Packing:

Available in 1 lit, 1 Usg , 20 lit. Pail, 200lit Drum.

Storage:

Shelf life of 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:

P.U. CLEAR GLOSS # 033 / NY and catalyst # 045 do not contain dangerous solvents, nevertheless, good ventilation in working rooms is recommended as well as the use of safety tools and equipment. P.U. CLEAR GLOSS # 033 / NY is flammable and harmful if swallowed. If contact with eyes or skin occurs, wash well with fresh water and seek immediate medical advise.

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