



PU SEMIGLOSS # 2070 (PIGMENTED) (LOW VOC)

General Description:

PU SEMIGLOSS # 2070 is a VOC compliant topcoat based on saturated polyester resin. It is formulated to give a maximum opacity, thanks to the high quality of raw material. Furthermore, PU SEMIGLOSS # 2070 is resistant to both extreme weather with no – yellowing effect, resistant to abrasion and provides a very smooth finish. It conforms within the maximum limit of Annex II, Phase II, Table A of European Directive 2004/42/CE: 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	Semigloss
Colour	Pigmented
Specific gravity	1.23 +/- 0.2 kg/L
Viscosity	40-60" FC # 4 @ 25 ⁰ C
Flash point	21 ⁰ C
Non-volatile	63%
Gloss (60 ⁰)	40-60
Application condition: Air temperature Relative humidity	5~35 ⁰ C 85% max.
Application method	Auto/Conventional Spray
Catalyst	PU Catalyst # 013
Thinner	Thinner # 105 (std) Thinner # 205 (summer)
Mixing ratio	Base:Catalyst:Thinner 100 : 50 : 20-25%
Pot life	3-4 hours @ 25 ⁰ C
Drying time (25 ⁰ C) Dust free To touch Recoat Hard	15 – 20 min. 30 – 45 min. 1 – 2 hours 48 - 72 hours
Coating rate	6-8 m ² /L
VOC	171 g/L
Basecoat	PU Primer # 253

Method of Application:

- The surface to be coated should be primed with either polyurethane primer or polyester primer.
- 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 Putty filler, NC Putty white # 2185 or Polyester putty.
- Apply 1 – 2 coats of PU SEMIGLOSS # 2070 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.
- Do not use excess material beyond the pot life time to avoid any irregularities in the finish.

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 SEMIGLOSS # 2070 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 # 2070 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.

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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