



PU MATT # 651 WHITE (LOW VOC)

General Description:

PU MATT # 651 WHITE is a VOC compliant pigmented topcoat based on poly – functional saturated polyesters and selected pigments. It is formulated for interior and exterior application to give an excellent satin finish with good covering properties. It conforms within the maximum limit of Annex II, Phase II, Table A of European Directive 2004/42/CE: 2004.

Major Uses:

PU MATT # 651 WHITE is excellent for wood furniture, cabinets, bed sets, interior doors and frames.

Characteristics and Physical Properties:

Appearance	Pigmented
Specific Gravity	1.364 kg/L
Viscosity @ 25 ⁰ C	45" FC # 4
Flash Point	20 ⁰ C
Non-volatile	74%
Gloss	10 ⁰ /20 ⁰ /30 ⁰
Application condition: Air temperature Relative humidity	5 ~ 35 ⁰ C 85% max
Application method	Auto / conventional spray
Recommended catalyst	Catalyst # 140
Thinner	PU Thinner # 105/205
Mixing ratio(%wt.) Spray visc. = 13~15"	Base : Catalyst: Thinner 100 50 20-25
VOC	268 g/L
Pot life@25 ⁰ C	2~3 hours
Drying time: Dust free Touch free Recoat Hard	15 – 20 min. 30 – 45 min. 1 – 2 hours 48 - 72 hours
Coverage	7 - 8 m ² /L
Basecoat	PU Primer 253

Method of Application:

- The surface to be coated should be primed with PU Primer 253.
- It should be cleaned, well – sanded and free from dust, oil, water and other contaminants.
- To a well-prepared surface, apply 1 – 2 coats of PU MATT # 651 White, horizontally and vertically
- PU Matt # 651 White when applied by curtain coater, the viscosity of the lacquer should be controlled and monitored for the continuity of the finish.
- 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 mesh sand paper is recommended before subsequent coats, when recoating time exceeds 3 hrs.

Storage:

Shelf life 12 months minimum if stored below 25⁰C.

Packing:

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

Cleaning of Tools:

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

Physiological Hazards:

PU MATT # 651 WHITE and Catalyst # 140 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 # 651 WHITE 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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