



PU GLOSS AF

General Description:

PU GLOSS AF is a topcoat based on poly – functional saturated polyesters. It is formulated for wood application to give an excellent glossy finish with good covering properties. It contains an active ingredient which is effective against a wide variety of fungal organisms. Offers excellent dry film bacterial protection in interior and exterior coatings.

Major Uses:

PU GLOSS AF is excellent for wood furniture, cabinets, bed sets, interior and exterior doors and frames.

Advantages:

For interior/exterior application.
Excellent hardness.
Excellent water resistance.
Good adhesion and abrasion properties
Anti-bacterial protection.

Characteristics and Physical Properties:

Appearance	Clear & Pigmented
Specific weight	1.0-1.25 kg/L
Viscosity (FC #4 @25°C)	30 - 50"
Flash point	25°C
Non-volatile (%wt.)	45 - 60
Gloss (60°)	90 - 100
Application condition: Air temperature Relative humidity	5 ~ 35°C 85% maximum
Application method	Automatic or Conventional Spray
Recommended catalyst	Catalyst # 016
Thinner	PU Thinner # 105/205
Mixing/Dilution ratio (Visc: 13~15" FC # 4)	Base:Catalyst: Thinner 100 : 50 : 20-25
Pot life (25°C)	2 – 3 hours
Drying time: Dust free To touch Recoat hard	20 – 25 min 45 – 60 min 2 – 3 hours 24 – 36 hours
Coating rate	6 – 8 m ² /L
Basecoat	PU Primer 153 / SP and Plastofil 350

Method of Application:

- The surface to be coated should be primed with PU or Polyester Primer.
- 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 GLOSS AF, horizontally and vertically
- PU GLOSS AF 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 25°C.

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 GLOSS AF and Catalyst # 016 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 AF 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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