



# PU PRIMER # 153 WHITE

## General Description:

PU PRIMER # 153 WHITE is a polyurethane pigmented undercoat based on saturated polyfunctional polyesters and selected pigments. A two-component material with outstanding characteristics, filling well pores of all types of woods. It has good sanding qualities, which reduces the number of coats required.

## Major Uses:

PU PRIMER # 153 WHITE is primarily used for all types of woods furniture sets, turned pieces.

## Characteristics and Physical Properties:

Appearance	White Liquid
Specific Gravity (20°C)	1.50 Kg./ lit.
Viscosity (25°C)	20-30 poise (Sp#4;60rpm).
Flash Point	21°C
Non – Volatile (Wt.%)	Base : 76 + / - 0.5 Hardener : 24 + / - 0.5
VOC Content	600 g/li
Application Condition Air Temperature Relative Humidity	5 ~ 35°C Max. 85%
Application Method	Brush, Spray or Roller
Recommended Catalyst	Catalyst # 004
Thinner	PU Thinner # 105/205
Mixing Ratio	Base : Hardener : Thinner 100 50 25 ~ 30%
Pot Life (20°C)	2 – 4 hrs.
Drying Time (20°C) Dust Free To Touch To Recoat Hard Sandable	20 – 30-min. 35 – 45 min. 2 – 3 hrs. 24 – 36 hrs. 2 – 3 hrs.
Coverage	120-150gms / m <sup>2</sup>
Recoating	minimum 30 min ~ max 3 hrs. medium sanding with 240 / 360 mesh sand paper is recommended before subsequent coat is needed.

## Method of Application:

- To the surface well prepared, apply 1 – 2 coats of PU PRIMER # 153 WHITE with Catalyst # 004, vertically and horizontally.
- Fill all cracks, deep holes and joints with polyester putty.
- Sand the surface with medium – grade sand paper.
- Apply 1 – 2 coats of PU PRIMER # 153 WHITE prior to the final sanding and top coating.
- In case PU PRIMER # 153 White is used in curtain coating, the viscosity of the lacquer should be carefully controlled and monitored for continuity of the finish.

## Packing:

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

## Storage:

Shelf life 12 months minimum if stored below 25°C.

## Cleaning of Tools:

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

## Physiological Hazards:

PU PRIMER # 153 WHITE and Catalyst # 004 do not contain dangerous solvents, nevertheless, good ventilation in working rooms is recommended as well as the use of safety tools and equipment. PU PRIMER # 153 WHITE is flammable and harmful if swallowed. If contact with eyes or skin occurs, wash well with fresh water and seek immediate medical advise.

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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