



# PU PRIMER # 157 WHITE

## General Description:

PU PRIMER # 157 WHITE is a polyurethane pigmented undercoat based on flexible saturated polyesters and selected pigments. A two-component material with outstanding characteristics and elasticity.

## Major Uses:

PU PRIMER # 157 WHITE is primarily used for car refinishing and PVC basecoats. Film obtained is hard and flexible, even in high thickness of application (100-200 microns) and their characteristics remain unchanged even after ageing. It is also excellent for outdoor steel furniture, steel trenches, railings and steel gates.

## Characteristics and Physical Properties:

Appearance	Liquid white
Specific weight	1.45 kg/L
Viscosity	150-180" FC # 4
Flash point	21 <sup>0</sup> C
Non-volatile (% W)	Base : 66 Catalyst : 30
Application condition	
Air temperature	5 ~ 35 <sup>0</sup> C
Relative humidity	85% max.
Recommended catalyst	Catalyst 042
Application method	Brush, Spray, roller
Thinner	PU Thinner # 105/205
Mixing ratio(%V)	Base:Catalyst:Thinner 100 : 50 : 25-30
Pot life	3 – 4 hours
Drying time:	
Dust free	20 – 30 min
To touch	35 – 45 min
To recoat	2 – 3 hours
Hard	24 – 36 hours
Coverage	5 ~ 7 m <sup>2</sup> /L
Recoating	Minimum of 30 min ~ 3 hrs max. Sanding with sand paper grit # 180-240 is recommended before the subsequent coat.

## Method of Application:

### New - Steel:

Surface should be cleaned, free from oil, grease and other contaminants. It should be grit blasted to Sa 2 ½. If sandblasting is not possible, wire brushing or cold phosphate is recommended. The temperature of the substrate should be min. 10<sup>0</sup>C and 3<sup>0</sup>C min. above the dew point of the air. All damage of shop primer and contaminants from storage and fabrication should be thoroughly cleaned prior to final painting.

### Other metals, galvanized steel and alloys:

Thorough degreasing and light abrasive to remove all contamination and to provide proper adhesion.

### PVC plastic:

Surface to be primed must be cleaned thoroughly with suitable solvent to ensure that no traces of compound that will interfere in the adhesion of the primer. If possible, light sanding is required to attain a better anchorage.

### Maintenance:

Remove all traces of oil, grease, and other contaminants. Remove salt and other foreign matters by high-pressure fresh water, remove all loose debris and laitance by abrasive or by power tool blasting. Touch up to full film thickness.

## Packing:

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

## Storage:

Shelf life 12 months minimum if stored below 25<sup>0</sup>C.

## Cleaning of Tools:

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

## Physiological Hazards:

PU PRIMER # 157 WHITE and Catalyst # 042 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 # 157 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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