



# PU PRIMER # 157 WHITE

## General Description:

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

## Major Uses:

PU PRIMER # 157 WHITE is primarily used for car refinishing and industrial polyurethane 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	White Liquid
Specific Gravity (20°C)	1.50 Kg./ lit.
Viscosity (25°C,FC # 4)	150 - 180 Sec.
Flash Point	21°C
Non - Volatile (Wt.%)	Base : 72 +/- 0.5 Hardener : 26 +/- 0.5
Application Condition Air Temperature Relative Humidity	5 ~ 35°C Max. 85%
Application Method	Brush, Spray or Roller
Recommended Catalyst	Catalyst # 007
Thinner	PU Thinner # 105
Mixing / Dilution Ratio (wt%)	Base : Hardener : Thinner 100 50 25 ~ 30%
Pot Life (20°C)	6 ~ 8 hrs.
Drying Time (20°C) Dust Free To Touch To Recoat Hard	20 - 30-min. 35 - 45 min. 2 - 3 hrs. 24 - 36 hrs.
Coverage	5 ~ 7 m <sup>2</sup> / lit. (90-120gms / 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.

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.

## 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°C and 3°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 sweeping to remove all contamination and to provide proper adhesion.

### 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°C.

## Cleaning of Tools:

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

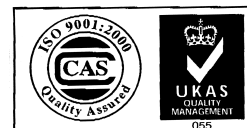
## Physiological Hazards:

PU PRIMER # 157 WHITE and Catalyst # 007 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 advise.

FACTORY : P.O. BOX NO: 23085,SAJAH INDUSTRIAL AREA, SHARJAH, U.A.E  
 TEL : 06 - 5311777, FAX 06 - 5311330:

SHOWROOM : P.O. BOX NO: 23085,INDUSTRIAL AREA, SHARJAH, U.A.E  
 TEL : 06 - 5328533, FAX 06 - 5328610

Website : <http://www.maspaints.com/> Email : masuae@emirates.net.ae



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