

General Description:

PU LV PRIMER WHITE #253 is a low VOC polyurethane pigmented undercoat based on saturated polyesters and selected pigments. A two-component material with outstanding characteristics, filling well pores of all types of woods which reduces the number of coats required. It has a low VOC which conforms within the maximum limit of Annex II, Phase II, Table A of European Directive 2004/42/EC: 2004.

Major Uses:

PU LV PRIMER WHITE #253 is primarily used for all types of woods furniture sets, turned pieces.

Characteristics and Physical Properties:

Appearance	White liquid
Specific Gravity	1.65 +/- 0.3 kg/L
Viscosity @ 25°C	35-40 poise
Flash Point	21°C
Non-volatile	Base : 83 % Catalyst : 24%
Application condition: Air temperature Relative humidity	5 ~ 35°C 85% max
Application method	Auto / conventional spray
Recommended catalyst	Catalyst LV/04
Thinner	PU Thinner # 105/205
Mixing ratio(%wt.) Spray visc. = 13~15"	Base : Catalyst: Thinner 100 50 20-25
Pot life@25°C	2~3 hours
Drying time: Dust free Touch free Recoat Hard Sandable	20 – 30 min. 35 – 45 min. 1 – 2 hours 48 - 72 hours 2 – 3 hours
Coverage	7 - 8 m ² /L

Method of Application:

- To the surface well prepared, apply 1 – 2 coats of PU LV PRIMER WHITE #253 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 LV PRIMER WHITE #253 prior to the final sanding and top coating.
- Recoating must be done within 3 minutes to 3 hours maximum. Medium sanding with 240-320 grit sandpaper is recommended prior to any subsequent coatings.

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 LV PRIMER WHITE #253 and Catalyst LV/04 do not contain dangerous solvents, nevertheless, good ventilation in working rooms is recommended as well as the use of safety tools and equipment. PU LV PRIMER WHITE #253 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.

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