

General Description:

PU MATT HARDTOP SPC is a premium polyurethane clear lacquer based on poly – functional saturated polyester resins and special additives, to provide smooth and satin finish with excellent hardness and better flexibility.

Major Uses:

PU MATT HARDTOP SPC is excellent for wood furniture such as beds, table top, cabinets, chairs, sofas, doors and frames.

Characteristics and Physical Properties:

Appearance	Opaque
Specific Gravity	1.0 kg/L
Viscosity @ 25°C	60" FC # 4
Flash Point	20°C
Non-volatile	48%
Gloss	10 ⁰ /20 ⁰ /30 ⁰ /40 ⁰
Application condition:	
Air temperature	5 ~ 35°C
Relative humidity	85% max
Application method	Auto / conventional spray
Recommended catalyst	Catalyst # 054
Thinner	PU Thinner # 105/205
Mixing ratio(%wt.)	Base : Catalyst: Thinner
Spray visc. = 13~15"	100 50 25-30
Pot life	3 ~ 4 hours
Drying time:	
Dust free	15 – 20 min.
Touch free	30 – 45 min.
Recoat	1 – 2 hours
Hard	24 – 36 hours
Coverage	8 – 10 m ² /L (100 – 120 g/m ²)
Pencil Hardness	H – 2H

Surface Preparation:

- The surface to be top coated should be primed with Polyurethane, Primeseal 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 coat of PU MATT HARDTOP SPC, horizontally and vertically.
- One or two coat may be sufficient for ordinary finish; however, to obtain a good finish, additional coat can be applied wet to wet if necessary. Light sanding with 400-600 grit sandpaper is recommended before subsequent coat when recoating exceeds 3 hrs. and remove traces of wax.

Storage:

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

Cleaning of Tools:

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

Packing:

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

Precautions:

PU MATT HARDTOP SPC and Catalyst # 054 do not contain dangerous solvents, nevertheless, good ventilation in working rooms is recommended as well as the use of safety tools and equipment. PU MATT HARDTOP SPC 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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