

General Description:

PU SANDING SEALER # 1344 is a polyurethane lacquer sealer based on special saturated polyester resin. A two component material with high covering property, elasticity, good sandability and bubble free. Thanks to its excellent quality of raw materials that does give a covering film of great transparency and requires minimum coat.

Major Uses:

Best for furniture, office tables, shelves, turned pieces, cabinets, and all wood works with a deep grains and critical surfaces.

Characteristics and Physical Properties:

Appearance	Opalescent
Specific Gravity	0.980
Viscosity	45" FC # 4
Flash point	25-35"
Non – Volatile (Wt.%)	45+ / - 0.5
Application Condition	
Air temperature	5 – 35°C
Relative humidity	85% max
Application method	Spray or Curtain coating
Recommended Catalyst	Catalyst # 034
Thinner	PU Thinner # 105 or PU Thinner # 205
Mixing Ratio	Base: Catalyst:Thinner 100 : 50 : 25-30
Pot life	2-4 hrs
VOC	605 g/L
Drying time:	
Dust free	15 – 20 min
To touch	35 – 45 min
Sandable	1 – 2 hrs
Hard	24 – 36 hrs
Coverage	100 – 120 gms/m ² (7 – 9 m ² /L)
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:

Prepare the surface to be painted with manual or automatic sanding machine.

- Apply the required dye or stain(optional)
- Apply 1 – 2 coat of PU Sanding Sealer # 1344 with catalyst, vertically and horizontally.
- After the primed coat gets dried, sand it with medium sand paper up to the extent not to damage the substrate.
- If required, apply wood putty transparent on nail holes, cracks and joints.
- Apply 1 – 2 coats of PU Sanding Sealer # 1344 prior to the final top coating.

Note:

It is advisable to use a slow drying thinner during summer or when the working place exceeds 35°C temperature to avoid the formation of micro bubbles. If bubbles were not eliminated, apply a thin coat of PU Sanding Sealer 1344 on the first coat as a stabilizer and keep for 20 minutes prior to light sanding and go on with the normal application

Packing:

Available in 1 lit, 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 SANDING SEALER # 1344 and Catalyst # 034 do not contain dangerous solvents, nevertheless, good ventilation in working rooms is recommended as well as the use of safety tools and equipment. PU SANDING SEALER # 1344 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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