



PU SEMIGLOSS SC/70

General Description:

PU SEMIGLOSS SC/70 CLEAR is a transparent polyurethane varnish based on poly – functional saturated polyester resins, to provide smooth finish with good covering properties and excellent hardness.

Major Uses:

PU SEMIGLOSS SC/70 CLEAR is excellent for wood furniture such as beds, cabinets, chairs, sofas, doors and frames.

Characteristics and Physical Properties:

Appearance	Transparent
Specific Gravity	0.980 g/L
Viscosity @ 25°C	55" FC # 4
Flash point	20°C
Solid content (wt.)	45
Gloss (60°)	70
Application Condition: Air temperature	5 ~ 35°C
Application method	Auto or conventional spray, curtain coater
Recommended Catalyst	Catalyst # 034
Thinner	PU Thinner # 105/205
Mixing/Dilution Ratio (13-15" FC # 4)	Base:Hardener:Thinner 100 50 25-30
Pot life	3 ~ 4 hrs.
Drying time: Dust free Touch dry Hard dry Recoat	15-20' 30-45' 1-2 hrs 24-36 hrs
Coverage	7-8 m ² /L (120 gms/m ²)
Pencil hardness	HB-H
Recoating	One coat may be sufficient for ordinary finish. However, one additional coat can be applied wet on wet if necessary. Light sanding with 400 ~ 600 mesh sand paper is recommended before subsequent coat when recoating time exceeds 3 hrs and remove traces of wax.

Surface Preparation:

- The surface to be top coated should be primed with either polyurethane sealer or polyester sealer clear.
- It should be cleaned, well – sanded and free from dust, oil water and other contaminants.
- To a well – prepared surface, apply 1 – 2 coats of P.U. SEMIGLOSS SC/70 CLEAR, horizontally and vertically.
- To obtain a perfect finish coat, sand it again with a very fine sand paper and repeat the top coating process.
- When applied by curtain coater, the viscosity should be carefully controlled and monitored for continuity of the finish.

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

Precautions:

P.U. SEMIGLOSS SC/70 CLEAR 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. P.U. SEMIGLOSS SC/70 CLEAR 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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