

General Description:

PU FLEXISEAL # 5051 CLEAR is a two component sanding sealer based on saturated polyester to provide a hard and flexible (even in high thickness application) basecoat for wood especially for interior/exterior applications.

Major Uses:

Designed to be used as basecoat for semi open pore, high quality furniture, timber window, pergolas and outdoor furniture.

Characteristics and Physical Properties:

Appearance	Opalescent
Specific gravity	0.970 ± 0.050 kg/l
Viscosity (25°C FC#4)	30 – 40 sec.
Flash point	20°C
Non-volatile (%wt.)	43 ± 2
Application condition	
Air temperature	5 ~ 35°C
Relative humidity	85% max.
Application method	Brush, spray, roller
Catalyst	Catalyst # 085
Thinner	PU Thinner 105/205
Dilution ratio (%v) (FC # 4 = 13-15 sec)	Base:Catalyst:Thinner 100 : 50 : 25~30
Pot life (25°C)	3 – 4 hours
Drying time (25°C)	
Dust free	35 – 45 min
To touch	2 – 3 hours
To recoat	6 – 12 hours
Hard	24 – 36
Coating rate	8-10m ² /l (120 g/m ²)
Recoating	Min. 30 min ~ max. 3 hrs light sanding with 400 ~ 600 mesh sand paper is recommended before subsequent coat when recoating time exceeds 3 hours.

Precautions:

- Mixing ratio should be correctly observed.
- Paint should be used within the pot life after components have been mixed together. Pot life decreases at higher temperature.
- Bubbling due to 4 ~ 5 coat within relatively short time likely to occur in summer. 1 ~ 2 thin initial coat and longer recoating interval (50 – 60 min) eliminates bubbling.
- Never leave the catalyst open.

Storage:

Keep away from heat and fire. Store in the dark, cool and dry place. Shelf life up to 12 months in closed container.

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.

Physiological Hazards:

P.U. FLEXISEAL # 5051CLEAR does not contain dangerous solvents, nevertheless, good ventilation in working rooms is recommended as well as the use of safety tools and equipment. P.U. FLEXISEAL # 5051 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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