

## General Description:

PU FLEXICOAT is a polyurethane lacquer, particularly formulated for varnishing indoor/outdoor furniture, offering a very high flexibility and outstanding resistance to abrasion and UV protection.

## Major Uses:

PU FLEXICOAT is highly recommended for external treatment of high quality woods. It is formulated to create a surface which require high resistance to abrasion caused by extreme weather condition in marine environment.

## Characteristics and Physical Properties:

Appearance	Transparent Liquid		
Code	5100	5200	5300
Specific Gravity (20°C)	0.93	0.97	0.97
Gloss	Gloss	Satin	Matt
Viscosity (25°C, FC # 4)	26"	26"	26"
Flash Point (°C)	20	20	20
Non – Volatile (Wt.%)	37	39	40
Recommended Catalyst	085	085	085
Application Condition			
Air Temperature	5 ~ 35°C		
Relative Humidity	Max. 85%		
Application Method	Brush, Spray or Roller		
Thinner	PU Thinner # 105/205		
Mixing Ratio (wt%) (F.C # 4 13 ~ 15 sec)	Base : 100	Hardener : 50	Thinner 25 ~ 30
Pot Life (20°C )	3 ~ 4 hrs.		
Drying Time (20°C)			
Dust Free	20 – 25-min.		
To Touch	45 – 60 min.		
To Recoat	2 – 3 hrs.		
Hard	24 – 36 hrs.		
Coating Rate	8 ~ 10 m <sup>2</sup> / lit. (80-120gms / m <sup>2</sup> )		
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.		
Recommended Under Coat	PU Flexiseal 5051		

## Surface Preparation:

- Surface to be coated should be dry and clean.
- In the remaking of old wood and timber it is imperative to to remove traces of wax, dust , dirt and other contaminants to ensure perfect adhesion.
- Solid woods that contain tannin oil must be treated with Isolator prior to the application of the Sealer.
- If the Isolator has been kept for drying in 12 hours, the coated surface must be sanded well for better anchorage.

## Application Procedure:

- The mixture ready for use, can be applied by brush, roller or spray. Apply 1 – 2 coats of P.U. Flexiseal prior to application of P.U. FLEXICOAT.
- Paint should be used within the pot life after components have been mixed together.
- Never leave drums of 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

## Precautions:

P.U. FLEXICOAT does not contain dangerous solvents, nevertheless, good ventilation in working rooms is recommended as well as the use of safety tools and equipment. PU FLEXICOAT 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.*

## MAS PAINTS & CHEMICAL INDUSTRY

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