



# PERMACOAT MATT CLEAR (5371 – 49xx)

## General Description:

PERMACOAT MATT CLEAR is a premium polyurethane lacquer based on poly – functional saturated polyester resins and special additives, to provide smooth and satin finish with good covering properties, excellent hardness and better flexibility.

## Major Uses:

PERMACOAT MATT CLEAR is excellent for wood furniture such as beds, cabinets, chairs, sofas, doors and frames.

## Characteristics and Physical Properties:

Appearance	Clear Liquid
Specific Gravity (20°C)	0.98 kg/li.
Viscosity(25°C,FC # 4)	30 –40 sec.
Flash Point	20°C
Non – Volatile (Wt.%)	Base Hardener 49+/- 0.5 30+/- 0.5
Gloss (60°)	10° / 20° / 30° / 40°
Application Condition Air Temperature Relative Humidity	5 ~ 35°C Max. 85%
Application Method	Auto or Conventional Spray
Recommended Catalyst	Catalyst # 8041-6318
Thinner	PU Thinner # 105 /205
Mixing / Dilution Ratio (wt%) (FC # 4 13 ~ 15 sec.)	Base : Hardener : Thinner 100 50 25 ~ 30
Pot Life (20°C )	3 ~ 4 hrs.
Drying Time Dust Free To Touch To Recoat Hard	15 – 20 min. 30 – 45 min. 1 - 2 hrs. 24 – 36 hrs.
Coverage	7 – 8 m <sup>2</sup> / lit. @ 50 microns Dft.
Pencil Hardness	H -2H
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.
Recommended Under Coat	PU Sanding Sealer, Primeseal or Polyester-based Sealer

## Surface Preparation:

- The surface to be top coated should be primed with either Polyurethane or Polyester Sealer.
- It should be cleaned, well – sanded and free from dust, oil water and other contaminants.
- To a well – prepared surface, apply 1 coat of PERMACOAT MATT CLEAR, horizontally and vertically.
- To obtain a perfect finish coat, sand again with a fine sand paper and repeat the topcoating process.
- To achieve a consistent gloss level, it is extremely important to mix Part A well before each application, preferably using a long spatula. If light tinting of the topcoat is required, use Dyes Series 15000.
- In summer or tropical areas use slow drying Thinner 305 or addition of 5% Retarder 345 is advisable.

## 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:

PERMACOAT MATT CLEAR and Catalyst do not contain dangerous solvents, nevertheless, good ventilation in working rooms is recommended as well as the use of safety tools and equipment. PERMACOAT MATT 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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