



PU MATT CLEAR 10%

General Description:

PU MATT CLEAR is a transparent polyurethane varnish based on saturated polyester resins, to provide smooth and satin finish with good covering properties and excellent hardness. Due to high quality of raw materials, it is resistant to water and mild acids and alkalis. PU MATT CLEAR contain VOC exempt solvents to meet the required VOC limit.

Characteristics and Physical Properties:

Appearance	Transparent
Specific Gravity	0.97+/-0.05 g/L
Viscosity @ 25°C	40-50" FC # 4
Flash point	20°C
Solid content (wt.)	45%
Application Condition: Air temperature	5 ~ 35°C
Application method	Auto or conventional spray
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.

Major Uses:

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

Surface Preparation:

- The surface to be coated should be primed with basecoat lacquer clear either polyurethane or polyester based sealer.
- 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 PU MATT CLEAR, horizontally and vertically.
- To obtain a perfect finish coat, sand again with a very fine sand paper and repeat the top coating process.

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 USG and 25KG (PAIL).

Precautions:

PU MATT 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. PU MATT CLEAR is flammable and harmful if swallowed. If contact with eyes or skin occurs, wash well with fresh water and seek immediate medical advice.