

Product Description

Two component polyurethane coating based on acrylic polyol and polyisocyanate resin for plastic substrates

Recommended Use

Color finish for consumer electrical and electronic products with plastic surfaces such as PBT, ABS, PC, Noryl, etc.

Features

Tough film upon complete curing Excellent durability
Excellent chemical resistance

Physical Characteristics

Recommended Application Data	Dry Film Thickness (μm)	Theoretical Coverage (m ² /KG)
	20 – 40 μm	10 m ² /KG
Specific Gravity	1.00 – 1.35	
Flash Point	22 °C	
Finish	Gloss / Semi-Gloss / Matt	
Color Range	Clear, Solid Colors, Metallic Colors	
Standard Packing Size	5KG set / 20KG set	
Mixing Ratio By Weight (Base : Hardener)	4 : 1	
Pot Life	4 hours	
Shelf Life	Base : 12 Months	Hardener : 6 months

Application Method

Brush or Roller	Suitable method of application
Air Spray	Recommended method of application
Thinning Ratio	60 – 100% by weight. Adjust viscosity to 10 – 14 seconds (IHS cup) at 30 °C with constant stirring.

Drying Time

Air Dry		Forced Dry		Full Cure
Touch Dry	Hard Dry	Flash Off	Oven Bake	
1 hour	4 hours	5 minutes	60 – 80 °C for 30 – 45 minutes	7 days

Useful Information

Thinner	APM PU 600 Series Thinner, depending on substrate and settings. For specific recommendations to suit individual applications, please refer to your Asia Paint Representative.
Cleaner	APM PU 600 Thinner
Storage	Store in a cool shaded dry area
Disposal	Always keep container in a secure upright position. Use sand to contain any spillage. Dispose of paint in accordance with the appropriate Environmental Quality Regulations.

Surface Preparation

The service and life span and the service performance of paints are directly related to the degree of surface preparation.
To prevent condensation of moisture onto substrate prior to coating application, relative humidity should not exceed 85% and substrate temperature should be more than 3°C above Dew Point.
The surface to be overcoated must be dry and free from surface contaminants.
Remove all oil, wax and grease by solvent cleaning.
Remove all dirt and dust by dry brushing.

Coating Specifications

1 st Coat			
APM PU 600 2K Plastic Paint			

Notes

The coating specifications provided above are typical. For specific recommendations to suit individual applications, please refer to your Asia Paint Representative.
Stir the product well before use.

Safety Precaution

Avoid contact with eyes and skin. Wear suitable protective clothing such as overalls, goggles, dust mask and gloves.
Do not use in poorly ventilated areas, do not breathe in vapor or spray mist.
This product is flammable. Keep away from sources of ignition. Do not smoke. Take precautionary measures against static discharge.
In case of fire, use carbon dioxide, normal foam or dry agent.

First Aid

Eyes	Wash off in flowing water or shower
Skin	Flush with plenty of water
Inhalation	Remove to fresh air, loosen collar and keep patient rested
Ingestion	If swallowed, seek medical attention. Do not induce vomiting unless directed to do so by medical personnel
For further safety information, please refer to our Safety Data Sheet (SDS)	

Disclaimer

The information provided on this data sheet is not intended to be complete and is provided as general advice only. It is the responsibility of the user to ensure that the product is suitable for the purpose for which he wishes to use it. As we have no control over the treatment of the product, the standard of surface preparation of the substrate, or other factors affecting the use of this product, we are not responsible for its performance, nor would we accept any liability whatsoever or howsoever arising from the use of this product unless specifically agreed to in writing by us. The information contained in this data sheet may be modified by us from time to time, and without notice, in light of our experience and product development.