

Product Description

Two components polyurethane enamel based on acrylic polyol and polyisocyanate resin for architectural and industrial application

Recommended Use

Topcoat for masonry, metal and wood

Features

Tough film upon complete curing
Excellent durability
Excellent chemical resistance
Excellent wear resistance

Physical Characteristics

| Recommended Application Data | Dry Film Thickness (μm) | Theoretical Coverage (m ² /l) |
|--|--------------------------------------|--|
| | 30 μm | 10 m ² /l |
| Specific Gravity | 1.22 – 1.32 | |
| Flash Point | 22 °C | |
| Finish | High Gloss, Gloss, Semi-Gloss, Matt | |
| Color Range | Clear, Solid Colors, Metallic Colors | |
| Standard Packing Size | 5L set / 20 L set | |
| Mixing Ratio by Volume (Base : Hardener) | 4 : 1 | |
| Pot Life | 4 hours at 30 °C | |
| Shelf Life | 12 months | |

Application Method

| | |
|-----------------|---|
| Brush or Roller | Recommended method of application |
| Thinning Ratio | Ready to use. If thinning is desired, do not exceed 10% by volume |
| Air Spray | Suitable method of application |
| Thinning Ratio | 30 – 40 % by volume |

Drying Time At 30°C

| Touch Dry | Hard Dry | Overcoating Interval | |
|-----------|----------|----------------------|----------------|
| | | Minimum | Maximum |
| 1 hour | 6 hours | 10 hours | Not applicable |

Useful Information

| | |
|----------|--|
| Thinner | APM 2K Thinner |
| Cleaner | APM 2K 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.

The surface to be overcoated must be dry and free from surface contaminants. This coating is usually applied over a suitable primer undercoat or build coat. The underlying system should be sound and un-damaged.

Aluminium, Steel, Galvanized Steel :

Remove all oil, wax and grease by solvent cleaning.

For optimum performance, APM Polyurethane Enamel should be applied to a surface that has been cleaned and suitably primed and built (e.g. with APM Epoxy AC Primer)

Coating Specifications

| 1 st Coat | 2 nd Coat | 3 rd Coat | |
|---------------------------------|----------------------|----------------------|--|
| APM Epoxy Anti Corrosive Primer | APM PU 629 Enamel | APM PU 629 Enamel | |

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.