

Product Description

Two-component epoxy finish based on epoxide resin and polyamide curing agent for heavy duty protection of surface material where high mechanical, chemical and moisture resistance is required

Recommended Use

Topcoat for masonry and metal
Suitable for deckings, superstructure exterior, etc.

Features

Tough film upon complete curing	Excellent acid and alkali resistance
Good solvent resistance	Excellent abrasion resistance
	Excellent chemical resistance
	Excellent water resistance

Physical Characteristics

Recommended Application Data	Dry Film Thickness (μm)	Theoretical Coverage (m ² /l)
	40 μm	7 – 8 m ² /l
Specific Gravity	Base : 1.25 – 1.35	Hardener : 0.90 - 0.95
Flash Point	23 °C	
Finish	Gloss / Semi-Gloss / Matt	
Color Range	White, other colors available upon request	
Standard Packing Size	5L set / 20 L set	
Mixing Ratio by Weight (Base : Hardener)	4 : 1	
Pot Life	6 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 weight
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
2 hours	8 hours	16 hours	5 days

Useful Information

Thinner	APM EP 77 Thinner
Cleaner	APM EP 77 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	4 th Coat
APM Epoxy Anti Corrosive Primer	APM Epoxy Anti Corrosive Primer	APM Epoxy Enamel	APM Epoxy 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.

Common to all epoxies, this product will experience chalking on prolonged exposure to sunlight. However, this phenomenon is not detrimental to coating performance.

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.