

Product Description

Two components type chemical resistance paint based on epoxy resin varnish and amine hardener

Recommended Use

Suitable for indoor concrete, cement, fiber-glass, metal, wood and all surfaces that need good chemical and mechanical resistance, such as production areas, warehouses, car park decks, garages, etc

Features

Water vapor permeable	Good adhesion
Easy application	Good chemical resistance
Low odour	Good mechanical 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 : 1.47	Hardener : 1.14
Flash Point	23 °C	
Finish	Semi-Gloss	
Color Range	Refer to color card. White is not available	
Standard Packing Size	5L set / 20 L set	
Mixing Ratio by Weight (Base : Hardener)	3 : 1	
Pot Life	1 hour at 30 °C	
Shelf Life	18 months	

Application Method

Brush or Roller	Suitable method of application
Thinning Ratio	Ready to use. If thinning is required, do not exceed 20% by volume

Drying Time At 30°C

Touch Dry	Hard Dry	Overcoating Interval	
		Minimum	Maximum
4 hours	8 hours	16 hours	5 days

Drying time is affected by ambient conditions, particularly temperature and relative humidity. When air humidity is above 85% RH, the curing time is increased.

This coating can take foot traffic after 24 hours, light traffic after 3 days, and fully cure after 7 days.

Useful Information

Thinner	Water
Cleaner	Water
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.

Remove all loose materials with a high pressure wash.

If oil is present, clean using a degreaser or solvent and rinse thoroughly with fresh water to ensure complete removal of the grease and the degreaser.

If overcoating an existing coating, scrape all flaking, peeling or loose material back to a firm edge.

For new concrete substrate, ensure that it is completely cured for 30 days prior to the application of a sealer and the concrete substrate's moisture content should be below 10%.

The floor must be waterproofed against uprising dampness and hydrostatic pressure before any coating works.

Coating Specifications

1 st Coat	2 nd Coat	3 rd Coat	4 th Coat
APM Hydrocoat 1740 Epoxy Coating	APM Hydrocoat 1740 Epoxy Coating		

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.

Common to all water borne products, adequate ventilation is necessary for proper curing of the coating.

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.