

Product Description

Two component high build self levelling solventless epoxy
This coating can be trowelled to a thickness of 2mm to 4mm
This coating can also be applied by roller to achieve a thinner thickness, if required

Recommended Use

Floors requiring high mechanical strength against chemical attacks and abrasion

Features

Excellent self levelling Tough film upon complete curing Excellent abrasion resistance Excellent chemical resistance	Excellent impact resistance Excellent mar resistance Excellent water resistance
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Physical Characteristics

Recommended Application Data	Dry Film Thickness (mm)	Theoretical Coverage (m ² /kg)
	2 – 4 mm (screed) Max 1mm (without screed)	1 m ² /kg
Volume Solids	100%	
Flash Point	60 °C IMCO Class 3B	
Finish	Gloss	
Color Range	Clear	
Standard Packing Size	10L set	
Mixing Ratio by Weight (Base : Hardener)	2 : 1	
Pot Life	20 minutes at 30 °C	
Shelf Life	12 months	

Mechanical Strength

Compressive	Flexible	Tensile	Impact	Adhesion
70N / mm ²	15N / mm ²	18N / mm ²	4 – 6Kg / m	2.5N / mm ²

Application Method

Roller or Trowel	Recommended method of application
Thinning Ratio	Ready to use. If thinning is desired, do not exceed 5% by weight

Drying Time At 30°C

Touch Dry	Hard Dry	Overcoating Interval	
		Minimum	Maximum
6 hours	18 hours	24 hours	48 hours

Useful Information

Thinner	APM AT 7-77 Thinner
Cleaner	APM AT 7-77 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.
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 Epoxy 7012 Anti Corrosive Primer	APM Epoxy 7012 Anti Corrosive Primer	APM ESL 5000 Self- Levelling Epoxy	APM ESL 5000 Self- Levelling Epoxy

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.
This product is not suitable for immersed or ponding areas.

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.