

UP MARK-IT HB

Fast Curing, High Build Epoxy Line Painting System



What is Up Mark-It HB?

Up Mark-It HB is top a top of the range epoxy coating, perfect for all line marking applications. It has been developed to provide hard wearing demarcation lining to concrete and resin floors, at a quality that is high build and will pass the test of time. The material is supplied as a two-pack system, comprising pre-weighed amounts of base and curing agent. After mixing together, an easily applied chemical and abrasion resistant finish is produced.

Up Mark-It HB is stocked in 4 amazing base colours. If you require another colour, please inquire to your sales rep with a RAL Classic number. Please note that colours outside the base list may cost extra and/or carry a small MOQ.

Benefits and Features:

- High build
- Hygienic and easy to clean
- Excellent adhesion to concrete
- Hard wearing and durable
- Very good chemical resistance
- Fast application
- Gloss finish that stands out

Typical Areas of Application:

- Industrial areas
- Commercial spaces
- Bottling plants and breweries
- Manufacturing
- Food processing
- Hazard marking in warehouses
- Pedestrian lanes in areas with forklift traffic

Curing Schedule @ 20°C:

Pot Life	20 mins
Light Traffic	12 hours
Full Traffic	48 hours
Full Cure	7 days

PLEASE NOTE: At lower temperatures the above cure times will be increased

Technical Data after 28 days @ 20°C:

Compressive Strength	N/A
Shore D Hardness	> 75
Bond Strength	> 3 N/mm ² (Concrete Failure)
Abrasion Resistance	N/A
Slip Resistance Pendulum	Dry > 45
Test to BS7976-2	
VOC	< 152 g/L Based on a fully mixed unit
Chemical Resistance	Excellent chemical resistance

TERO TECH Riverside Industrial Estate, Fazeley, Tamworth, Staffordshire, B78 3RW.
Head Office, Warehousing and Distribution: Tel: 01827 283322, Fax: 01827 250143. Telesales: 01270 611031

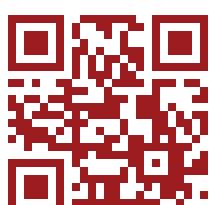
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Revision: 2.0



Surface Preparation:

To be assured of maximum adhesion and best properties the correct surface preparation is essential. The concrete substrate must be a minimum of 28 days old, and the residual moisture content must be a maximum of 75% RH. The substrate should be sound with a minimum compressive strength of 25 N/mm² and a minimum pull-off strength of 1.5 N/mm².

The surface must be clean, dry and free of contaminants such as dirt, oil, grease, coatings, and surface treatments and contain a functioning damp proof membrane. If in doubt, apply a test area first.

If surface contains any coatings or surface treatments, concrete substrates should be mechanically prepared using vacuum enclosed abrasive blast cleaning or diamond grinding equipment, followed by thorough vacuuming leaving an open textured surface. Weak concrete must be removed and repaired. Ask your sales rep about suitable products for concrete repair and cleaning.

Priming:

Priming is generally not required with this product. However, for weak or porous substrates priming should be considered. If this is to be used in an area like this, please ask your sales rep for a recommended primer.

Mixing:

This product is supplied ready for use. No additions should be made. Pour all of the contents of the part B container into the part A container and thoroughly mix using a slow speed mixing drill and paddle, avoiding air entrainment. Mix for a minimum of 5 minutes until the material forms a uniform colour and consistency. Scrape down the sides after 2 minutes to ensure that all materials are fully incorporated.

Application:

Apply by brush or roller, spreading evenly at a nominal rate of 0.25Kg/m². Application may also be made by trowel between guides/tapes/templates. After a minimum of 12 hours and before a maximum of 36 hours, apply a second coat at the same rate if required.

Materials and substrate temperature should be above 10°C.

Advice for Application:

- Protect the installed floor from damp, condensation and water for at least 48 hours.
- All epoxy resin-based products are adversely affected by exposure to UV light and will be prone to cosmetic yellowing of the surface. Therefore, this product should only be used indoors or in areas protected from sunlight. This does not affect its performance or function.

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• If the works area requires heating, before and during application and until full cure of the material, do not use paraffin, oil, gas or fossil fuel heaters as they produce water vapour and carbon dioxide which adversely affects the floor finish. Use only electric powered or indirect warm air systems.

Under no circumstances must the mixed material be left in an enclosed container as this will result in a build-up of heat and the possible release of vapours.

Coverage Rate:

One 2.5kg kit has a coverage of 8m² at a thickness of 200 microns. Coverage is dependent on surface profile, texture, porosity and substrate temperature.

Please note that this product is recommended to be applied in two coats.

Storage:

Store in dry conditions at temperatures between 10°C and 25°C. Do not expose to freezing conditions. Up Mark-It HB has a maximum of 12 months shelf life when stored in the original, unopened containers.

Cleaning Equipment:

All equipment used should be cleaned immediately after with xylene.

Health & Safety:

Always read and understand the label, and Safety Data Sheet provided, before using this product. Always wear recommended PPE when using this product. The SDS and this Technical Data Sheet is also available on our website, www.img-limited.co.uk.

