

Introduction

MF Epoxy swimming pool paint is a two part dispersed epoxy coating that provides an economic swimming pool coating for rendered pools. It can be thinned with water; it contains no solvents and is therefore non-flammable.

Product Attributes

- High wear resistance and durability
- Odour free
- Non-flammable
- Water based
- Bonds to damp surfaces
- Contains no solvents



Colour

We only supply the Cobalt blue epoxy paint as it is a chemical based paint which means it does not fade.

Preparation

MF Epoxy Swimming Pool Paint is supplied in pre-weighed containers and is ready for mixing on site. It can also be thinned with water. If your pool is brand new the concrete should be at least 28 days old or should contain a moisture content of less than 6%. The surface needs to be free from laitance, oil, grease or any other agents that might affect adhesion. If cleaning is necessary, mechanical techniques such as grinding or blasting should be employed. Steel surfaces should be shot blasted to remove all traces of rust, scale and oxide layers.

Mixing

The individual components of MF Epoxy Swimming Pool Paint should be stirred before the two are mixed together. The entire content of resin component A should be added to curing agent B and mixed thoroughly for 5 minutes.

Application



MF Epoxy Swimming Pool Paint can be applied via a roller or brush. Once the first coat is complete the second coat should be applied within 24 hours or ideally when the first coat is touch dry. If a non-skid finish is required then aggregates can be applied to the first or second coat whilst still tacky, depending on the finish required. If required the coating may be thinned with water to ensure maximum adhesion

Technical Specification @ 20°C

Touch Dry: 6-8 hours

Shelf Life: 12 months Pot Life: 60 minutes

Dry Film Thickness: 80 microns

Bond Strength: Greater than 3.6N/mm²

Full Cure: 7 days

Coverage Rate: 25-30m² per 5kg unit

Cleaning: All tools and equipment can be cleaned with water or cleaning solvent. For hands use warm water and soap.

Health and Safety: Irritant designation

All information on this sheet has been assembled to the best of our knowledge. Our company cannot be held responsible for any possible miss-use on application

Application Guidelines for Multiflex Water Based Epoxy Paint

1. Always ensure that the surface to be coated is dry clean and free from any grease or fat deposits.
 2. The surface should be free from any loose, peeling or chipping paintwork and any laitance in the substrate.
 3. Damaged areas should be repaired with the appropriate materials for the substrate and properly cured prior to application of paint.
 4. The surface should be abraded with a coarse abrasive medium, 60ga + to remove any loose paint and to produce a key to help adherence. With badly cracking and peeling paintwork we would recommend wet or dry blast cleaning to produce a reliable surface for coating.
 5. Ensure all areas not to be painted are masked off prior to commencement
 6. Wet patches and slightly damp areas can be coated with Multiflex Water Based Epoxy Paint as being water based the paint will adhere to the surface through capillary action; however do not apply paint where there is ingress of water from outside the wall or floor when this water is visibly running. This water will only dilute the paint and make it impossible to cover that area.
 7. If ingress of external water is noted and is flowing into the structure all inflows should be stopped prior to application.
 8. If painting glazed tile areas, it is recommended that these surfaces be abraded to ensure a good key. This can be done by either wet or dry blast cleaning or machine grinding to remove the glaze. (note. If tiling is at all insecure it should be removed)
 9. The paint should be mixed according to the instructions on the cans and on the data sheet. It is most important that the Base Resin and the Reactor Resin (partA and PartB) be thoroughly mixed together. We would recommend the use of an electric paddle stirrer or the use of an electric drill driven stirring device.
 10. Beware! Once mixed the paint has a pot life of 45 minutes at around 25°C once the paint starts to thicken, discard it immediately.
- Over:

11. Do not use new rollers for the final coat, as these may deposit fragments of material on the surface which will harden and create sharp spikes and a rough surface.
12. Rollers and brushes can be washed out with water after use, however this should be done immediately as the paint will harden and the rollers become useless.
13. Always try to apply this coating in a temperature above 10°C. If temperature falls overnight and the coating has not cured apply atmospheric heat to raise the ambient temperature, and the curing process will re-start.
14. The full curing time is dependant on the ambient temperature but it is wise to allow seven days from the final coat.

NOTE :

Item 6 does not apply to Cobalt Blue Pool Paint as this is hydrophobic so must be applied to a dry surface.

These notes are designed to be helpful and in no way represent part of the contract with our customer.