

MC Primer DPM

Product Description

Fast curing low temperature acrylic primer and sealer

MC Primer DPM is a two-part acrylic resin primer and concrete sealer with very rapid curing characteristics, providing an extremely tough and totally impervious coating with excellent chemical resistance. It has been designed for use where concrete or cement surfaces are damp (not standing water) and need a sealed, bonded finish. Its low viscosity formulation ensures maximum penetration into porous surfaces, actually strengthening the substrate.

Typical Uses

Due to its outstanding dustproofing and surface hardening properties, MC Primer DPM may be used as a concrete sealer without further coating. As a primer, it is compatible with a range of acrylic resin-based repair materials and floor coatings such as Polycote Cretex MC, Cretex MC Deepfill and Flortex MC. It's very rapid cure time makes MC Primer DPM ideal for use in areas of constant traffic where disruption must be minimised.

Suitable Substrates

MC Primer DPM may be applied to old and new concrete. It should not be applied until the concrete has been cured for a minimum of 1 month or until the moisture content is 5% or below.

Colour

MC Primer DPM is blue when applied, but turns clear on curing.

Packaging

MC Primer DPM is supplied in pre-measured quantities as a two-part system, comprising of a 5 litre unit of acrylic resin Part 'A' and a powder hardener Part 'B'.

Direction For Use

Surface Preparation

THOROUGH SUBSTRATE PREPARATION IS ESSENTIAL.

Powerfloated concrete – use a Vacuum Assisted Shotblaster to remove weak laitance and provide a surface key for the coating. If this is not possible, chemically etch with **Polycote Etch IT** then rinse thoroughly and allow to dry.

Loose paint – remove, using a Vacuum Assisted Shotblaster, Floor Grinder or equivalent method.

Loose or friable concrete – use a Vacuum Assisted Shotblaster. If this is not possible, chemically clean with **Polycote Etch IT** then rinse thoroughly and allow to dry.

Oil or grease – use Hot Compressed Air for large areas of contamination. Smaller, isolated deposits may be chemically cleaned with **Polycote Degrease IT**, then rinsed thoroughly and allowed to dry.

See relevant Data Sheet prior to application.

ONCE PREPARED, THE AREA MUST BE KEPT CLEAN AND FREE OF TRAFFIC.

Caution – **MC Primer DPM** is methyl methacrylate based and has a characteristic odour during the vaporising of the solvent. Although non-toxic and non-injurious to health, this can cause tainting and **OPEN** food products should therefore be removed or sealed during and following application until the vapour has dispersed.

Mixing

BEFORE MIXING THIS PRODUCT YOU MUST BE TOTALLY PREPARED for rapid uninterrupted application of the complete mixed quantity **WITHIN 10 MINUTES.**

Thoroughly shake the bottle of resin to ensure dispersion of contents, then pour all the contents into a clean plastic bucket. Add the power and stir thoroughly. For best results use a heavy-duty slow speed drill with a mixing paddle.

ENSURE THOROUGH MIXING AS AN UNMIXED PRODUCT WILL RESULT IN A POOR OR NON-CURE SITUATION.

Application	<p>Apply by brush, roller or squeegee, making sure that the surface is completely covered. Particular attention should be given to doorways and other areas of high traffic. When finished, do NOT scrape the remaining contents from the container as this will invariably include unmixed raw resin.</p> <p>Application Temperature</p> <p>MC Primer DPM can be applied between -30°C and +30°C</p>
Pot Life & Curing Time	<p>The pot life is approximately 10 minutes, depending on temperature. Full cure takes place after 1 hour (30 mins. at normal temperatures). Very low temperatures will extend the curing time.</p>
Coverage	<p>The coverage of MC Primer DPM is between 15-20m² per 5 litre unit, depending on the texture and porosity of the substrate.</p>
Cleaning	<p>Tools and equipment should be cleaned whilst product is still wet with Solvent Cleaner. Hands and skin should be cleaned immediately with Organic Hand Cleaner.</p>
Shelf Life & Storage	<p>The shelf life of MC Primer DPM in unopened containers is up to 6 months subject to conditions of storage. Store in a cool dry environment away from sources of ignition.</p>
Health & Safety	<p>Before using this product, please ensure you have received and read carefully both the Hazard Label applied to the container and the relevant Material Safety Data Sheets.</p>
Any Questions	<p>Please do not hesitate to contact us for advice regarding the use of this product or its suitability for your particular application.</p> <p>Our aim is to provide all the technical help you need to make an informed choice and achieve total success.</p> <p>Polycote Technical Helpline: 01234 846400</p> <p>All reasonable care has been taken in supplying the above information. However, any figures quoted do not constitute a specification but represent typical values obtained. It is the customer's responsibility to ensure the product is fit for the intended purpose and that conditions are suitable. Any technical advice is offered in good faith, but without warranty. This is also applicable when proprietary rights and third parties are involved. In the light of the Company's policy of continual research and development, it is the customer's responsibility to ensure that the information contained herein has not been superseded.</p>