



## EmO Guard MP

**Multipurpose, epoxy primer for floor coatings and wall coatings**

### Uses

EmO Guard MP is a modified solvent free epoxy primer designed to provide a smooth, damp free substrate for floor coatings which gives better adhesion to new and existing concrete.

- Car park decks
- Car park ramps
- Aircraft hangars
- Transport depots
- Service centers, garages
- Workshops
- Primer for wall coatings

### Typical Applications & Advantages

- Apply to dry or damp surface.
- Suitable for all zones in a car park
- Seamless and water tight
- Resistant to chemical attack
- Supplied in pre weighed unit

### Product Description

EmO Guard MP is a modified two component solvent free epoxy primer designed to provide a smooth, damp free substrate for epoxy floor coatings which gives better adhesion to new and existing concrete.

### Typical Properties

The values given below are average figures achieved in laboratory tests. Actual values obtained on site may show minor variations from those quoted.

Pot life	: 2 hrs @ 30°C
Tack free time	: approx 6 hrs
Complete cure	@25°C @35°C
	: 7days 5 days
Over coating time at 35°C:	6 hours

### Technical Support

ELMRR provides a comprehensive technical support service to specifiers, end users and contractors and is able to offer on-site technical assistance.

### Instructions for Use

**Surface Preparation:** Ensure the concrete foundation surface is dimensionally stable and free of dirt, dust, oil, laitance, paint, curing compounds etc. Bolt holes and fixing pockets should be free from any dirt or debris. If possible a roughened surface is preferable to smooth surfaces. Metal surfaces must be free from rust, loose scaling and paint. Shuttering should be covered with polyethylene to ensure a clean release.

### Mixing:

Do not commence mixing until all surface preparation, cleaning and shuttering is complete. **EmO Guard MP** is supplied in pre-weighed units. Add the reactor to the base in a suitable forced action mixer; alternatively use a slow speed drill and paddle. Continue

mixing until a completely homogenous material is obtained.

### Application

#### Primer

Apply EmO Guard MP Primer to the prepared surface at an application rate in the range of 0.1 to 0.2 ltr/m<sup>2</sup>. Quantity will depend on surface texture and porosity.

Apply by brush or roller across the whole surface ensuring uniformity of thickness. Allow EmO Guard MP to dry completely before applying top coat.

### Estimating

#### Supply

EmO Guard MP Primer : 5 liter pack

#### Coverage

EmO Guard MP : 0.1 to 0.2 ltr/m<sup>2</sup>

### Equipment care

Clean all equipment promptly using **EmO Guard Solvent EP**. Cured material will have to be mechanically removed.

### Health & Safety

#### Precautions

**EmO Guard MP** does not fall into the hazard classifications of current regulations. However, it should not be swallowed or allowed to come into contact with skin and eyes. Suitable protective gloves and goggles should be worn. Splashes on the skin should be removed with water. In case of contact with eyes rinse immediately with plenty of

Water and seek medical advice. If swallowed seek medical attention immediately – do not induce vomiting. For further information refer to the Material Safety Data Sheet available for this product.

### Important note

Elmrr endeavors to ensure that the technical information contained herein is true, accurate and represents our best knowledge and experience. No warranty is given or implied, as Elmer has no control over the conditions of use and the competence of any labor involved in the application are beyond our control.

As all Elmrr technical data sheets are updated on a regular basis it is the customer's responsibility to check that the product is suitable for the intended application, and that the actual conditions of use are in accordance with those recommended.

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