

ELM MP

Multipurpose, epoxy primer for floor coatings and wall coatings

Uses

Elm MP is a modified solvent based 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

Elm MP is a modified two component solvent based 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 ⁰ c |
| Tack free time | : approx 6 hrs |
| Complete cure | @25 ⁰ C @35 ⁰ C |
| | : 7days 5 days |
| Over coating time at 35 ⁰ 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. **Elm 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 Elm MP Primer to the prepared surface at an application rate in the range of 0.1 to 0.2 ltr/m². Quantity will depend on surface texture and porosity.

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

Estimating

Supply

Elm MP Primer : 9 litre pack

Coverage

Elm MP : 0.1 to 0.2 ltr/m²

Equipment care

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

Health & Safety

Precautions

ELM 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.

Manufactured By:

Elmrr Chemicals
(New Rusayl Heights)

FACTORY & H.O
P.O.BOX 176, PC 124,
Rusayl Industrial Area,
Sultanate of Oman
Tel: +968 24446914
Fax: +968 24446776

Email: sales@elmrr.com