



EmO Guard GP

General purpose, epoxy primer for wall coatings

Uses

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

- Dairies
- Soft drink production facilities
- Chemical manufacturing plants
- Car parks and Work shops
- Schools
- Hospitals

Typical Applications & Advantages

- Apply to dry or damp surface.
- Seamless and water tight
- Resistant to chemical attack
- Supplied in pre weighed unit

Product Description

EmO Guard GP is a modified two component solvent based epoxy primer designed to provide a smooth, damp free substrate for epoxy wall 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	: 6 hrs @ 30 ^o c
Tack free time	: approx 12 hrs
Complete cure	@25 ^o C @35 ^o C
	: 7days 5 days
Over coating time at 35 ^o c:	12 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 GP** 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 GP Primer to the prepared surface at an application rate in the range of 0.05 to 0.1 ltr/m². Quantity will depend on surface texture and porosity.

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

Estimating

Supply

EmO Guard GP Primer : 5 liter pack

Coverage

EmO Guard GP : 15 to 20 m² / Lit

Equipment care

Clean all equipment promptly using **ELMIERE Solvent No:1**. Cured material will have to be mechanically removed.

Health & Safety

Precautions

EmO Guard GP Primer and ELMIERE Solvent No:1 should not come into contact with skin and eyes or be swallowed. Ensure adequate ventilation and avoid inhalation of vapors. Some people are sensitive to resins, hardeners and solvents. Wear suitable protective clothing, gloves, eye protection and vapor respirators. 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.

FIRE

EmO Guard GP Primer and ELMIERE SOLVENT No:1 are flammable. Keep away from sources of ignition. No smoking. **In the event of fire extinguish with Co2 or Foam. Do not use a water jet.**

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 ELMRR 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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