EPG-250

Epoxy Grout Coat

DESCRIPTION

EPG-250 Epoxy Grout Coat is a two pack, thixotropic epoxy sealing layer formulated to eliminate porosity and fine surface irregularities in epoxy resin screeds. It creates a seamless, impermeable, and durable surface. The product enhances cleanability, strengthens the substrate, and provides a uniform base for decorative or protective topcoats. It is particularly suitable as a sealing coat for the upper surface of resin screeds, ensuring improved long term durability, and reliable preparation for final finishing layers.

Features & Benefits

- **Seamless sealed finish**
- **Easy to clean**
- **Strong adhesion**
- **Simple application**
- **Durable base for topcoats**
- **Solvent free**

Packaging Kit

EPG-250 is supplied in pre-weighed units to ensure correct mixing ratios:
5 kg unit (Part A + Part B)

Coverage

Typical consumption is **0.5 kg/m² per coat.**
A 5 kg unit will cover approximately 10 m² per coat
Coverage may vary depending on substrate porosity, surface profile and application method.

Environmental Conditions

The application ambient temperature range should ideally be within 10-25°C. Appropriate heating should be in place to achieve this range for the substrate and room temperature. The substrate and installed resin floors must be kept at least 3°C above the dew point temperature to reduce the risk of condensation or blooming on the surface, relative humidity should not exceed 75%.

Installations outside of the above parameters will affect the cure period, surface finish and product strengths. For concrete bases in contact with the ground, a damp proof membrane should have been incorporated into the slab design, in accordance with the requirements of CP102 (Code of Practice for Protection of Buildings Against Water from the Ground).

Substrate Requirements

Concrete must be structurally sound with compressive strength of at least 25 N/mm² and tensile strength greater than 1.5 N/mm². Cracks should be clean, free from dust, laitance, loose particles, oils and contaminants. Mechanical preparation and vacuum cleaning is recommended to ensure good adhesion.

Mixing

All components should be conditioned to 15 °C – 25 °C before use. Pour Part B (Hardener) into Part A (Resin) and mix thoroughly with a slow speed drill (300–400 rpm) until homogeneous. Apply the mixed material immediately after preparation.

Product Application

Apply using a steel trowel or squeegee, working the grout into the surface to achieve a uniform sealed layer without pooling. On rough or porous substrates, two coats may be required. A short pile roller may be used immediately after application to achieve a consistent thin film finish. Allow the recommended recoat interval (16–24 h at 20 °C) before applying a subsequent coat.

Chemical Resistance

EPG-250 exhibits excellent resistance to a wide range of oils, salts, alkalis, and dilute acids, making it suitable for use in demanding industrial environments.

Product Confines

EPG-250 should only be applied when ambient temperature is above 10 °C, the substrate temperature is at least 3 °C above the dew point, and ambient relative humidity is below 75%. Slight colour variation may occur under UV exposure without affecting performance. Application outside these conditions may result in curing defects and impaired appearance.

Cleaning

The floors should be maintained through regular cleaning using scrubber dryers or rotary machines fitted with soft pads, together with a neutral pH cleaning solution diluted in warm water. Daily sweeping or vacuuming is recommended to remove dust and grit that may cause abrasion of the surface. Spills of oils, foodstuffs or chemicals should be removed promptly with a damp mop to prevent surface staining.

For periodic maintenance, a mild neutral detergent may be used followed by rinsing with clean water. Abrasive powders, steam cleaners, highly alkaline or acidic products must be avoided as they can dull or damage the gloss finish.

Health & Safety

Refer to the Safety Data Sheet (SDS) before use. Applicators must wear appropriate PPE including chemical resistant gloves, safety glasses and respiratory protection in poorly ventilated areas.

Disposal of Containers

Empty containers must be treated with the same precautions as full ones and disposed of via an authorised hazardous waste contractor.

Any remaining Part A and B should be mixed together and allowed to cure before disposal.

Additional Information

Jofa Resins endeavour to ensure that all product guidance provided is accurate and correct. Information given by or on behalf of Jofa Resins is based on tests and installations and on our current knowledge and experience. It implies no warranty or guarantee arising from the use of its products as the substrate and site conditions and the actions of any installation team involved in product application is beyond our control. Whether or not in accordance with any advice, recommendation, specification, or information given by Jofa Resins.

Jofa Resins products are guaranteed against defective materials and manufacture and are sold subject to our standard terms and conditions of sale, copies which can be obtained upon request.

Please contact the Jofa Resins Technical Department for further assistance.

TECHNICAL INFORMATION

Shelf Life	24 Months when stored in unopened containers under proper conditions.
Pot Life Temp 20°C	15-20 Minutes
Curing Schedule 20°C	**Recoating:** 16–24 h • **Foot traffic:** 24 h • **Light traffic:** 48 h • **Full cure**: 7 days
Storage	This Product must be stored off the ground in original packaging, unopened and un-damaged. The ambient conditions must be dry and between 10°C and 30°C with no direct sunlight. Protect from frost.
Adhesion Strength EN 13892-8	>2.5 N/mm²

The above values, based on laboratory tests and our practical experience with this product, represent typical properties measured under standard laboratory conditions of 20 °C and 50 % relative humidity.

GET IN TOUCH
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