EPS-210

Epoxy Seal Coat

DESCRIPTION

EPS-210 Epoxy Seal Coat is a solvent free epoxy coating designed to seal and protect epoxy quartz screeds, concrete substrates and other resin flooring systems. It forms a smooth, continuous film that reduces surface porosity, improves colour uniformity and enhances overall chemical and abrasion resistance.

EPS-210 provides a durable and easy to clean finish suitable for industrial and commercial environments. The coating bonds strongly to properly prepared resin screeds and concrete, making it effective both as a standalone seal coat and as part of a multi-layer flooring build. When applied over systems such as **EPQ-100**, it improves appearance, durability and long-term performance.

Features & Benefits

- **Suitable for sealing quartz screeds and concrete**
- **Provides a smooth and uniform surface finish**
- **Improves chemical and abrasion resistance**
- **Solvent free and low odour**
- **Strong adhesion to prepared substrates**
- **Easy to clean and maintain**
- **Suitable for industrial and commercial use**

Packaging Kit

EPS-210 is supplied in pre-weighed units to ensure correct mixing ratios:
5 kg unit (Part A + Part B)
15 kg unit (Part A + Part B)
25 kg unit (Part A + Part B)

Coverage

Typical consumption is **0.25–0.30 kg/m² per coat.**
A 15 kg unit will cover approximately 50–60 m² per coat.
Coverage may vary depending on substrate porosity, surface profile and application method.

Environmental Conditions

Application should take place between 10 °C and 25 °C with substrate temperature at least 3 °C above the dew point. Ambient relative humidity should not exceed 75 % during application and for the first 48 hours of curing. Adequate ventilation is required to promote uniform curing.

Installations outside of these parameters may affect curing time, surface appearance and long term performance. For concrete bases in direct contact with the ground, a damp proof membrane should be incorporated into the slab design in accordance with CP102 Code of Practice for Protection of Buildings Against Water from the Ground.

Substrate Requirements

Concrete substrates must achieve a compressive strength of at least 25 N/mm² and a tensile strength above 1.5 N/mm². Substrates must be dry (maximum 75 % RH, unless a moisture tolerant primer is used), clean, sound and free from laitance, dust, oils, grease, curing agents or contaminants. Mechanical preparation such as shot blasting or grinding is recommended.

Mixing

Ensure all components are conditioned between 15°C and 25°C before mixing. Add the full contents of Part A and Part B into a clean mixing vessel and blend using a slow-speed drill and paddle until a uniform, streak-free mixture is achieved.

Scrape the sides and base of the container during mixing to ensure full incorporation of both components. Mix only complete units, and apply the product immediately after preparation. Do not leave mixed material standing in the container beyond its working time.

Product Application

EPS-210 Apply EPS-210 only to properly prepared and primed resin screeds or concrete substrates. Once mixed, pour the material onto the surface and spread using a short or medium pile roller in thin, even coats.

Work systematically to maintain a wet edge and achieve a uniform finish across the floor. For optimal sealing and improved durability, a second coat may be applied once the first coat has cured sufficiently. Always follow the recommended recoat window to ensure proper intercoat adhesion.

Maintain ambient and substrate temperatures between 10°C and 25°C during application and curing, with adequate ventilation to promote even drying.

Appearance

EPS-210 provides a clear and uniform gloss finish that enhances the smoothness and visual consistency of the floor.

Chemical Resistance

EPS-210 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

EPS-210 should only be applied if ambient temperatures are above 10 °C, when the substrate temperature is at least 3 °C above the dew point, and ambient relative humidity is below 75%. The coating performs reliably in continuous service up to 60 °C. Slight colour variation may occur under UV exposure without affecting performance.

Cleaning

EPS-210 sealed floors should be cleaned using standard scrubber dryers or rotary machines with soft pads and a neutral detergent diluted in clean water. Daily sweeping or vacuuming is recommended to remove dust and grit that may scratch the surface.

Avoid abrasive pads, strong solvents, steam cleaners, or highly alkaline or acidic products, as these may reduce gloss or damage the coating. After washing, rinse thoroughly to remove all residue and allow the floor to dry completely.

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 to 20 Minutes
Curing Schedule 20°C	**Recoat:** 12-24 h • **Foot traffic:** 24 h • **Light traffic:** 48 h • **Full cure**: 7 days
FeRFA Floor Guide	Type 2
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.
Temperature Resistance	Up to 60 °C
Fire Classification EN 13501-1	B_{fl}-s1
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.

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