EPT-115

Epoxy Tack Coat Primer

DESCRIPTION

EPT-115 is a two pack solvent free epoxy tack coat primer designed as a bonding aid for resin based screed compositions, particularly recommended for use with coving mortar. It provides reliable adhesion between existing concrete or cementitious substrates and new overlays, resin screeds, coatings or repair mortars.

The primer cures to a controlled tacky state, allowing wet-on-wet application of trowel applied resin screeds and covings. Applied as a tack coat, **EPT-115** develops a strong chemical and mechanical bond, delivering a durable, seamless and monolithic finish. Its solvent free formulation ensures low odour and makes it suitable for use in occupied environments.

Features & Benefits

- **Bonding aid for resin screeds and covings**
- **Wet-on-wet application with controlled tack**
- **Re-coat or overlay in 1–2 hours**
- **Solvent free, low odour**
- **Ensures strong adhesion and durability**
- **Easy application by roller or brush**
- **Suitable for refurbishment and new build projects**

Packaging Kit

EPT-115 is supplied in pre-weighed units to ensure correct mixing ratios:

2.5 kg unit (Part A + Part B)

Coverage

Typical consumption **0.20–0.25 kg/m² per coat** depending on substrate texture and porosity.

Coverage may vary depending on substrate porosity, surface profile and application method.

Environmental Conditions

Application and curing should take place between 10 °C and 30 °C. The substrate temperature must be at least 3 °C above the dew point to prevent condensation. Relative humidity should not exceed 75 % during application and for the first 24 hours of curing. Adequate ventilation is essential to achieve full curing and consistent finish.

Substrate Requirements

Concrete substrates must be sound with a minimum compressive strength of 25 N/mm² and a tensile strength greater than 1.5 N/mm². Surfaces must be clean, free from laitance, dust, oils, curing compounds and weak material. Mechanical preparation such as shot blasting or grinding is recommended.

Mixing

All components should be conditioned to 15 – 25 °C prior to use. Part A (Resin) is poured into a clean container and Part B (Hardener) is added. The two components are mixed with a slow speed drill (300–400 rpm) for at least 2 minutes until homogeneous. The material must be applied immediately after mixing.

Product Application

EPT-115 is applied by roller or brush at the specified coverage rate. The topping or screed system must be applied onto the primer while it remains tacky, typically within 1–2 hours at 20 °C. Application should achieve a continuous film without puddles or dry patches.

Appearance

Clear to slightly amber liquid which cures to a transparent film on the substrate.

Chemical Resistance

EPT-115 has good resistance to a wide range of alkalis, oils and diluted acids. For specific chemical resistance enquiries, please contact the Technical Department.

Product Confines

EPT-115 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%.

Cleaning

Tools and equipment should be cleaned immediately after use with **JofaSolvent**, the recommended cleaning agent for epoxy products. Once cured, residues can only be removed by mechanical means.

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	**Re-coat or overlay:** 1–2 h • **Light traffic:** 24 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 5°C and 25°C with no direct sunlight. Protect from frost.
Fire Classification EN 13501-1	B_{fl}-s1
Adhesion Strength EN 13892-8	>3 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.

JOFA Resins | Version 1.0 (July 2025)
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