



Epoxy resin primer and tack coat

ECF Prime

Product Data Sheet

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DESCRIPTION

ECF PRIME is a two-pack solvent-free epoxy resin bonding and priming coat, designed for easy application, with good surface wetting properties.

ECF PRIME is principally designed to bond thin section resin based screeds and toppings to cementitious and other surfaces.

ADVANTAGES

1. Versatile for many types of application.
2. Excellent adhesive properties.
3. Easy to apply
4. No unpleasant or harmful odours.

WHERE TO USE

ECFPRIME is able to be used as a tack coat for both epoxy and polyurethane resin based screeds, including:

- ECF CRETE
- ECF SCREED 43
- ECF SCREED QUARTZ
- ECF TG69

ECF PRIME is also suitable for priming self-smoothing epoxy resin finishes such as ECF FLOR and resin based concrete repair products such as ECF PATCH .

ECF PRIME can also be used as a primer for high build epoxy resin coatings such as ECF TOP and ECF COAT H.B.

ECF PRIME provides excellent adhesion both as a tack coat and primer. Where surfaces are very porous, a coat of ECF PRIME may be required as a pre-primer coat before a second coat is applied as a tack coat. ECF PRIME will bond to concrete, wood, metal and asphalt etc.

For application onto new concrete or where the RH level is likely to be above 75%, ECF DAMPSHIELD should be applied.

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CHEMICAL RESISTANCE

ECF PRIME has good general resistance to mild chemical attack.

For further details, please consult our Technical Dept.

PHYSICAL PROPERTIES AT 20°C

Unit Size 0.5,1,2.5,5 kg units

Coverage 1kg will cover 3-5m²subject to contour and porosity

Volume solids 100%

Pot life after mixing 30 minutes at 20°C

Tack free time 6 hours at 20°C

Hard film time 34-36 hours

Application temperature limits 5-30°C

Shelf life 1 year in unopened containers

Storage Store between 5 – 30°C

PREPARATION

The surface must be prepared to ensure a good mechanical key, free of oil, grease etc. and if necessary, isolated repairs should be carried out with ECF PATCH EPOXY RESIN MORTAR.

APPLICATION

ECF PRIME is supplied as separate base and hardener components, which have to be mixed thoroughly, ideally with a slow speed mechanical mixer, before application. Once mixed ECF PRIME will have a pot life of approx. 30 minutes at 20°C and must be applied during this period.

Apply ECF PRIME with a short or medium pile roller. More than one application may be required to ensure that a uniform surface seal is achieved, and to compensate for surface porosity. Epoxy based screeds should generally be applied onto a wet 'tack coat' of ECF PRIME. N.B. ECF SCREED QUARTZ , ECF TG69 and ECF FLOR should be applied onto a 'tack free' coating of ECF PRIME..

CLEANING

All tools and mixing vessels should be cleaned immediately with ECF EPOXY SOLVENT.

HYGIENE

ECF PRIME is formulated from materials designed to achieve the highest level of performance as safely as possible. However, specific components require proper handling and suitable equipment. In all cases, spillages or skin contamination should be cleared as soon as practically possible, by dry wiping of the affected area, and thorough washing with soap and water.

Consult Safety Data Sheet Ref.HSPR.

The information given in this data sheet is derived from tests and experience with the product and is believed to be reliable This information is offered without guarantee to enable purchasers to determine for themselves the suitability of the product for their particular application. Any specification or advice given by the company is based on the information supplied by the purchaser. ECF Ltd. cannot be held accountable for errors or omissions as a result of that information being incorrect or incomplete. No undertaking can be given against infringement of patents.