

CRAFCO UP

Solvent free, 2 pack primer based on epoxy technology

<i>Main properties/ U.S.P.'s</i>	General Solvent free. Can immediately be finished with epoxy-based mortars and trowel floors once applied. Excellent adhesion to concrete. Low odor. Light yellow translucent.
<i>Use</i>	Crafco UP is used as: A tack-coat under mortars based on epoxy resin for repairs to concrete. It is also suitable as a tack-coat for trowel applied floorings. Crafco UP can be used as trowel floor in combination with Crafco trowel sand.
<i>Application conditions</i>	Crafco UP as an impregnating agent for glass fiber reinforcement. Air temperature : 12 – 30°C. Substrate temperature : 12 – 30°C. Paint temperature : 12 – 30°C. Relative humidity maximum : 85 %. The substrate temperature must at least be 3°C above the condensation point in order to avoid forming of condensation. Do not apply mortar under unfavorable weather conditions. Cement based substrates have to be older than 28 days, unless otherwise specified by suppliers.
<i>Application methods</i>	Application information primer Brush, roller or wiper.
<i>Dilution</i>	When applied as tack layer for mortars, do not add any diluent because of potential solvent entrapment or increased sensitivity for osmotic blistering. When Crafco UP is used as primer under coatings, 5-10% of Sikkens PU thinner can be used for dilution purposes.
<i>Cleaning of equipment</i>	The tools may be cleaned with an epoxy-thinner, provided the material has not fully cured yet.
<i>Advised layer thickness</i>	When used as a tack layer for mortars and trowel floors, the advised layer thickness is 150 micron. When used as a primer for coatings with 10% dilution, the advised layer thickness is 150-200 micron.
<i>Application efficiency</i>	2-5m ² /L. Practical coverage depends on many factors, such as shape, surface roughness, and size of the repair to be made, nature of the construction and application method.
<i>Mixing ratio</i>	By volume: Component A: 67 parts. Component B (hardener): 33 parts. By weight: Component A: 69 parts. Component B: 31 parts.
<i>Mixing</i>	The components have to be mixed mechanically by means of a slow running (200 r.p.m.) drill fitted with a stirring paddle.
<i>Pot life (20 l set) at 20 °C</i>	25 minutes (15 minutes at 30 degrees).

Application information as trowel floor

<i>Mixing ratio trowel floor</i>	By weight: Component A: 7 parts. Component B (hardener): 3 parts. Crafco trowel sand: 82,5 parts.
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Yield of trowel mixture

Crafco UP	A Comp (kg)	B Comp (kg)	Sand (kg)
1 m ² /mm	0,168	0,072	1,99

Crafco UP	Kg Sand
half 5L set	22,2
5L set	44,5
half 20 L set	89
20L set	178

Way of mixing trowel floor

First mix A- and B-components. After thoroughly mixing these components the sand can be added. Optimal mixing is achieved by using a Zyklos mixer. The trowel floor needs to be finished with a Crafcoc coating.

Finishing trowel floor

Flashpoint

Health & Safety Information

Component A: >100°C.

Component B: > 100°C.

Government regulations

The user of this product is required to comply with the national statutory regulations for health and safety at work and waste disposal.

Material safety datasheet

For more information see MSDS of Crafcoc UP coating components A and B.

Density

Properties

Mixed product: approx. 1,10 kg/dm³.

Volatile organic components (VOC)

0 g/l.

Solids content

100 vol. %.

Drying at 20°C/65% RV

Step proof after 16 hours.

Finishing with mortar

After maximum 4 hours.

Recoatible

After minimum 16 hr and maximum 3 days.

Packaging

Additional information

Standard packaging: 20 l sets A + B.

Shelf life

In unopened packaging minimum 12 months when stored at temperatures of 5 – 30°C.

Color

After curing translucent light yellow.

Systems

Concrete

Pretreatment

Prior to the application of the coating the substrate has to be sound, clean, dry, free of dust and grease. Pretreatment has to be done by means of dust-free-blasting or mechanical (diamond) sanding.

As primer under a floor coating

Can be used as primer under Crafcoc QF, Crafcoc QF PUR: dilute 10% with PU Thinner. Do not dilute in case of interior application.

As primer under a repair mortar

Remove loose concrete until unaffected concrete is visible.

If reinforcing steel becomes visible, then it needs to be derusted.

Clean the substrate and the concrete to be repaired, including the reinforcing steel. Paint with undiluted Crafcoc UP.

Immediately after painting, or for as long as the paint is still tacky (max. 4hr/20°C), the epoxy mortar can be applied.

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As troweling floor

Apply undiluted Crafcu UP on the pre treated substrate.

Immediately after painting, or for as long as the paint is still tacky (max. 4hr/20°C), the Crafcu UP mixed with troweling sand can be applied.

Puroc b.v., www.puroc.co, the Netherlands.

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