



Two-component epoxy primer

To be used as primer and moisture barrier prior to application of Alfix Epoxy membrane.

- For interior and exterior use
- High bonding efficiency
- High chemical resistance
- Suitable for use according to EN1504-2
- Can be used as moisture barrier
- Efficient protection of concrete substrate
- Suitable for casting around penetrations in swimming pool facilities, commercial kitchens and other heavily loaded structures
- Capillary breaking

Product

Two-component epoxy primer containing adjusted quantities of component A and component B. To ensure bonding, apply dry type-1 quartz sand (grain size 0.32—0.71 mm) to the freshly applied epoxy primer.

Coverage

As pre-treatment for Alfix Epoxy Membrane:

200—300 g/m² + approx. 2.5 kg/m² type-1 quartz sand (grain size 0.32 – 0.71 mm).

As concrete protection:

300—600 g/m² in total + approx. 2.5 kg/m² type-1 quartz sand (grain size 0.32 – 0.71 mm).

For casting around penetrations:

Approx. 1 kg/litre cavity in the substrate + approx. 1.4 kg Quartz sand type 10 (grain size 0.1 – 0.3 mm).

Packaging

Alfix Epoxy Primer is delivered in a 10 kg pack containing adjusted quantities of component A and component B. Type-1 quartz sand (grain size 0.32—0.71 mm) is available in 25 kg bags.

Surfaces

Site-poured concrete and prefab elements older than 3 months.

Screed.

The cohesive strength must be a minimum of 1.5 N/mm².

For other types of substrate, please contact Service in our Technical Department.

Surface preparation

The surface should be dry, dimensionally stable, sound, clean and free from dust, grease, salts, laitance and efflorescence. There should also be no blooms or crack formations. Surface evenness of +/- 2 mm when using smoothing board, Residues from grease or soap can be removed with Alfix Deep Cleaner.

Instructions for use

Component B is placed in an insert in the top of the bucket. Component A is at the bottom.

To mix the two components, pierce the black plastic lid at the top of the bucket with a strong, pointed metal object 20–30 cm in length. At the same time, punch 4–8 holes in the bottom of the metal insert.

After 3–6 minutes, depending on the hole size at the bottom, the number of holes, and the product temperature, the insert will be emptied.

Remove the plastic seal in the lid's clamping ring, and then remove the clamping ring. Using the handle on top of the bucket, carefully lift out the insert to ensure it has been emptied.

The epoxy mass is now mixed with a mixing paddle attached to a slow-speed drill.

Mixing time: Approximately 3 minutes.

Application in a system with Alfix Epoxy Membrane: Apply the primer with a brush or a short-pile paint roller and make one even layer that provides full coverage; use 200 to 300 g/m². Dry type-1 quartz sand should be added to the freshly applied Alfix Epoxy Primer until the entire surface area is saturated with sand.

As concrete protection or a moisture barrier: Apply the primer in two stages using a brush or short-pile paint roller; first use an amount that is the equivalent of 100 to 300 g/m² and make an even layer that provides full coverage. No earlier than 12 hours and no later than 5 days after the first treatment; apply a second layer using a quantity that is the equivalent of 200 to 300 g/m²; dry type-1 quartz sand should then be added to the freshly applied primer until the entire surface area is saturated with sand.

For casting around penetrations: The ready-mixed primer is added with dry quartz sand type 10 to achieve a suitable consistency, but maximum 14 kg sand per 10 kg Epoxy Primer.

Working time

Approx. 35 minutes at +20°C.

NB!

Both substrate and working temperature should be ranging between +10°C - +30°C.

Avoid working in direct sunlight.

Finishing

Remove any excess and loose sand by sweeping or vacuuming the surface. Any further treatment with Alfix Epoxy Membrane cannot be made until the primer is fully cured, allow min. 16 hours.

Precautions

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Alfix A/S H.C. Ørsteds Vej 11-13 DK-6000 Kolding alfix.com 22 2 05049	
EN 1504-2 Alfix Epoxy Grunder Betonbeskyttelse	
Princip 1.2	
Kapillær vandabsorption (EN1062-3) (Krav: < 0,1 kg m-2 h-0,5)	< 0,1 kg m-2 h -0,5
Indtrængningsdybde	Klasse I / < 10 mm
Vedhæftning (EN1542)	≥ 1,5 MPa
Brandmodstandsevne	Klasse E
Farlige stoffer	I overensstemmelse med 5.3 i EN 1504-2

Cleaning

Residues from Alfix Epoxy primer on tools should be removed immediately upon use with ethanol. Once cured, primer can only be removed mechanically.

Technical enquiries

Product info on:

- Alfix Epoxy Membrane

Brochure:

- Swimming pools - Swimmingn pool tiling using Alfix products

Product health and safety data /COSH

For further information, please consult our Technical Services Dept.

For latest update of this product info, visit www.alfix.com.

Technical data

Working temperature	+10°C - +30°C
Working time	Approx. 35 minutes at +20°C
Drying time/curing	After 16 hours at +20°C further treatment can be initiated
Shrinkage	None
Shelf life	Approx. 12 months, dry and not below +10°C in unopened packaging