



Two-component epoxy primer

For concrete protection, casting and as pre-treatment in connection with Alfix Epoxy Membran

- For interior and exterior use
- Effective anchoring of substrates
- Resistant to high chemical exposure
- Effective protection of concrete substrates in accordance with EN1504-2
- Can be used as a moisture barrier
- Suitable for casting around penetrations in swimming pool facilities, commercial kitchens and other heavily loaded structures
- Capillary-breaking

Product

2-component epoxy primer containing adjusted quantities of component A and component B.

Coverage

For pre-treatment for Alfix Epoxy Membran:

200-300 g/m² + approx. 2.5 kg/m² Quartz Sand type 1 (grain size 0.32 - 0.71 mm).

When used for concrete protection:

Total 300-600 g/m² + approx. 2.5 kg/m² Quartz Sand type 1 (grain size 0.32 - 0.71 mm).

As fluid 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)

As non-sag epoxy mortar for casting around penetrations:

Approx. 160 g/litre cavity in the substrate + approx. 1.4 kg Quartz Sand type 1 (grain size 0.32 - 0.71 mm)

Packaging

Alfix Epoxy Grunder is supplied in 1 kg and 10 kg packaging containing adjusted quantities of component A and component B. Quartz Sand type 1 (grain size 0.32 - 0.71 mm) can be supplied in 25 kg bags.

Substrate

In-situ concrete and concrete elements older than 3 months.

Concrete screed.

The cohesive strength must be at least 1.5 N/mm².

For other substrates, contact the Service Technical Department.

Surface preparation

The substrate must be dry, stable and sound, and cleaned of dust, grease, salts, cement laitance and efflorescence. The surface must also be free from through-cracks and have an evenness of +/- 2 mm measured with a 2 m straightedge. Removal of grease and soap residues must be carried out using Alfix Deep Cleaner.

Instructions for use

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

To mix the two components, pierce the black plastic cover at the top of the bucket with a strong, pointed metal object with a length of 20-30 cm. At the same time, make 4-8 holes in the bottom of the metal insert. After 3-6 minutes, depending on the hole sizes in the bottom, the number of holes and the product temperature, the insert is emptied.

Remove the plastic lock from the lid clamp, then remove the clamp. Using the handle at the top of the bucket, carefully lift the insert to ensure that it has been emptied.

The epoxy mass is then mixed using a mixing paddle on a slow-speed drill.

Mixing time: Approximately 3 minutes.

Application in a system with Alfix Epoxy Membrane: The primer is applied with a brush or a short-haired paint roller in an even, fully covering layer and in an amount of 200-300 g/m². Dry Quartz Sand type 1 is broadcast into the freshly applied Alfix Epoxy Grunder until the entire surface is sand-saturated.

As concrete protection or a moisture barrier: The primer is applied in 2 coats with a brush or a short-haired paint roller in an even, fully covering layer in an amount corresponding to 100-300 g/m². No earlier than 12 hours and no later than 5 days after the first treatment, the second coat is applied in an amount corresponding to 200-300 g/m², after which dry Quartz Sand type 1 is broadcast into the freshly applied primer until the entire surface is sand-saturated.

For casting around penetrations:

As fluid mortar: Add dry Quartz Sand type 10 to the fully mixed Epoxy Grunder to obtain a suitable consistency, however maximum 1.4 kg sand per 1 kg Epoxy Grunder.

As non-sag epoxy mortar: Add dry Quartz Sand type 1 to the fully mixed Epoxy Grunder to obtain a suitable consistency, however maximum 8.5 kg sand per 1 kg Epoxy Grunder.

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. Ørstedes 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