



1K Sealing membrane

For waterproofing of wet room surfaces prior to installation of ceramic tiles. Suitable for both domestic and communal locations.

ETA approved in accordance with Etag 022

- For interior use
- Waterproof undertile tanking system
- Ready for use
- Crack bridging, anti-fracture membrane
- Approved for wet rooms
- Smooth and easy to apply

Product

Alfix Sealing Membrane 1K is a liquid, 1 part, ready-mixed waterproofing membrane based on polymer dispersion.

Coverage

Approx. 2.0 kg/m² per mm coat thickness.

Packaging

12 kg and 20 kg plastic buckets.

Surfaces

Cement/sand rendering, older than 2 days
Concrete, older than 14 days, max. 90% relative humidity
Lightweight concrete, max. moisture content 8%
Aerated concrete
Screed, older than 7 days
Existing tiles and terrazzo.
Plywood, only floors. Max. moisture content 7 - 12%
Gypsum plaster, fibre-reinforced plasterboards, plasterboards.
Cementitious boards suitable for wet room use.

Surface preparation

The surface should be dimensionally stable, sound, and clean. Free from laitance, grease, and dust. There should be no blooms, crack formations, or residues from form oil.

All absorbent, moisture-sensitive surfaces, such as rendering, brick work, aerated concrete, concrete, light-weight concrete, screed, cementitious or PVC boards should be primed with **Alfix Primer (Sealing Primer)**, diluted 1:1 with water.

Plaster boards for wet room use and fibre-reinforced boards should be primed with **Alfix Primer** undiluted to full coverage.

For other wet room boards, please consult our Technical Services Dept. Plywood, floors only should be primed with 2 applications of **Alfix Primer**; first coat should be applied diluted 1:3 with water. Second coat applied undiluted.

Existing tiles and terrazzo should be cleaned with **Alfix Deep Cleaner**.

Sealings

For sealing around floor drains, use self-adhesive **Alfix Drain-mat**. Remove half the protective silicon paper along the perforated line and subsequently fix to substrate and gully installation. Degrease gully flange before overbridging with drain mat. Remove any clam ring!

In junctions between wall and floor, for internal vertical corners, and around pipe penetrations or sanitary installations, use self-adhesive **Alfix Seal-Strip**. Application of Alfix Seal Strip is made by folding the strip together along the longitudinal cross cut and subsequently removing the protective

Instructions for use

silicon paper along the perforated line. Press the strip firmly to the substrate.

Alternatively, use **Alfix Reinforced Strip** bedded in sealing membrane.

For bridging over cracks and for reinforcing joints, use **Alfix Reinforced Strip** bedded in Alfix Sealing Membrane 1K.

With use of roller, brush or 4 x 4 mm trowel, apply membrane to the surface in a layer of approx. 1 mm ensuring full coverage of the area leaving no voids beneath.

The best result is achieved when applying 2 coats: first coat is thin and pore-filling; second coat ensures full coverage. Any subsequent application should be made with 4x4 mm notched trowel. Complete by smoothing the surface with straight trowel edge. Ensure that Reinforcing Tape and Seal-Strip are completely over-bridged.

Drying time after first coat: 3 hours

Drying time after last coat: approx. 24 hours

NB!

During work substrate and membrane should hold the same temperature. Protect membrane from heat or draught.

Thicknesses exceeding 2 mm may cause crack formations.

Precautions

NONE

Cleaning

Tools should be cleaned with water before the membrane dries up.
Once set, 1K Sealing membrane can be removed mechanically.

Tile fixing

For tile fixing, use Alfix Universalfix, Alfix Letfix extra, or Alfix Combifix depending on substrate and tile.

Test

Etag 022

Technical enquiries

**Tanking around floor drains
Wet rooms – Tanking with Alfix**

Product info on:

- **Alfix Primer**
- **Alfix Deep Cleaner**
- **Alfix Tanking accessories**
- **Alfix Universalfix**
- **Alfix Letfix extra**
- **Alfix Combifix**

Product health and safety sheet/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	Min.+10°C
Density ready mixture	1.4 kg/litre
Drying time	First coat: approx.1 hour at +20°C Last coat: approx.24 hours at +20°C.
Tile fixing	Usually after 24 hours at +20°C
Curing time	14 days at +20°C
Tensile adhesion strength	concrete : 0.8 – 1.2 N/mm ²
Temperature resistance	+60 C°
Shelf life	Min.6 months in unopened container. Keep protected from frost

Product info

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Page 4