



- For interior use
- Waterproofing prior to installation of ceramic tiles
- Ready for use
- Crack bridging, anti-fracture membrane
- ETA Approved for wet rooms
- Smooth and easy to apply
- Approved for radon protection

Product

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

Coverage

Approx. 1.84 kg/m² per mm coat thickness.

Packaging

4 kg, 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 boards should be primed with Alfix Sealing Primer, diluted 1:1 with water.
 Plaster boards for wet room use and fibre-reinforced boards should be primed with Alfix Sealing 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 Sealing 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 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.

Instructions for use

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. 12 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

	Alfix A/S H.C. Ørstedes Vej 11-13 DK-6000 Kolding alfix.com	Alfix 1K ETA-09/0048 ETA-11/0501
	10 1073-CPR-314-2 14 1073-CPR-314-3 EAD 030352-00-0503	Declaration of performance No. 17

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 LetFix Universal, Alfix LetFix, or Alfix CombiFix depending on substrate and tile.

Test

Etag 022 part 1 and 2

Emissionsanalysis according to Emissioncode og SINTEF

Technical enquiries

Tanking around floor drains

Wet rooms – Tanking with Alfix

Product info on:

- Alfix Sealing Primer
- Alfix Deep Cleaner
- Alfix Tanking accessories
- Alfix LetFix Universal
- Alfix LetFix
- 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

Tile fixing

Usually after 24 hours at +20°C

Curing time

7 days at +20°C

Tensile adhesion strength

concrete : 0.8 - 1.2 N/mm²

Temperature resistance

+60 C°

Shelf life

Min. 12 months in unopened container. Keep protected from frost

Water vapour resistance

Coverage	Wet room tanking	Test climate	Z I GPa m ² s/ kg	Z I s/m	Sd i m
0,2 ltr./m ² Sealing Primer	1.5 kg/m ² 1K	RF75/100	270	2.000.000	53
0,1 ltr./m ² SealingPrimer	1.5 kg/m ² 1K	RF93/50	140	1.000.000	27
0,1 ltr./m ² PlaneMixPrimer	1,5 kg/m ² 1K	RF93/50	50	350.000	10