



### Tile adhesive

- For ceramic tiles and quarry tiles
- Suitable for tile sizes up to 400 x 400 mm
- For fixing insulating plates and light-weight aerated concrete elements, blocks, and panels
- For interior and exterior use on floor and wall
- Smooth and easy to apply
- Bed thicknesses up to 5 mm

### Product

Grey, cement-based powder containing polymer modifiers.

### Coverage

Notched trowel	Coverage per m <sup>2</sup>
4 x 4 mm	approx. 1.2 kg
6 x 6 mm	approx. 1.8 kg
8 x 8 mm	approx. 2.5 kg
10 x 10 mm	approx. 3.1 kg

### Packaging

Available in 5 kg and 20 kg PE lined paper bags.

### Surfaces

Cement/sand rendering, brickwork, aerated concrete.

Screed, older than 28 days.

Concrete in situ and precast units/slabs, older than 6 months.

Alfix Sealing Membrane

Plaster, wood, existing tiles, vinyl, and paint are not considered suitable surfaces for exterior use or in areas exposed to frequent or permanent water

### Surface preparation

The surface should be dimensionally stable, sound, and clean. Free from laitance, grease, and dust.

There should be no blooms or crack formations. Residues from grease or soap can be removed with Alfix Deep Cleaner.

Straightening of lumps and unevenness of up to 5 mm can be carried out using Alfix NormalFix.

On absorbent, moisture sensitive interior surfaces, such as aerated concrete, gypsum plaster, plaster boards, and anhydrite floors, apply Alfix Primer (Sealing Primer) or Alfix PlaneMixPrimer

For exterior use, apply a thin contact layer of Alfix NormalFix.

### Mixing and fixing

Add approx. 0.3 litres of clean, cold water per kg powder.

Apply Alfix NormalFix to the surface with a notched trowel, using the straight edge to spread out adhesive and subsequently the notched edge to produce a ribbed bed.

Fix tiles within 20-30 minutes by pressing them firmly into position in the wet adhesive with a slight twisting action. When fixing mosaics, a firm tap is required.

Ensure complete adhesive coverage!

For exterior use, e.g. facades and pools, regardless of tile size, apply adhesive to both tiles and surface to ensure solid bedding leaving no voids (buttering/floating method).

For substrates with underfloor heating, mix NormalFix with 0.1 l Alfix Flexbinder per kg powder. Adjust consistency with cold, clean water.

For pool application, mix NormalFix with 0.4 l Alfix Flexbinder per kg powder. Adjust consistency with cold, clean water.

For tile sizes exceeding 400 x 400 mm, one of the following adhesives are suitable:

Alfix CombiFix, Alfix LetFix, Alfix LetFix less dust, Alfix LetFix Universal, Alfix ProFix, Alfix CombiQuickFix, or Alfix QuickFix premium.

### NB!


Large-sized tiles and natural stone may call for extra attention.

Additional water should not be added to adhesive already starting to set. Note that the temperature of mixing water will influence setting time.

Addition of Alfix FlexBinder may retard setting.

Repositioning of tiles should be done within approx. 15 minutes after fixing, depending on substrate and tile absorbency.

## Precautions

	Alfix A/S H.C. Ørstedes Vej 11-13 DK-6000 Kolding alfix.com  04	Declaration of performance No. 8	EN 12004:2007+A1:2012  Alfix NormalFix Improved cementitious adhesive for internal and external tiling
Reaction to fire	NPD	Release of dangerous substances	See material safety data sheet <a href="http://www.alfix.com">www.alfix.com</a>
Bond strength: Initial tensile adhesion strength	≥ 0,5 N/mm <sup>2</sup>	Durability, tensile adhesion strength after heat ageing	≥ 0,5 N/mm <sup>2</sup>
Durability, tensile adhesion strength after water immersion	≥ 0,5 N/mm <sup>2</sup>	Durability, tensile adhesion strength after freeze/thaw cycles	≥ 0,5 N/mm <sup>2</sup>

## Cleaning

Clean adhesive residues from tools and tiles with water before the adhesive sets. Cement-based products harden when mixed with water, hence do not pour surplus adhesive into the drain system.

## Test

DS/EN 12004

## Other surfaces

When mixed with Alfix FlexBinder a highly flexible adhesive is obtained being very suitable for green/new concrete, light-weight concrete, wooden floors, PVC, vinyl, fibreglass, and steel.

## Technical enquiries

Wet rooms – Tanking with Alfix

Product info on:

- Alfix Deep Cleaner
- Alfix FlexBinder
- Alfix Primer (Sealing primer)
- Alfix PlaneMixPrimer

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](http://www.alfix.com).

## Technical data

Working temperature	+5°C - +30°C
Density	1.7 kg/litre (mixed with water)
Open time	approx. 20 minutes
Working time	Approx. 4 hours at +20°C
Foot traffic/grouting	24 - 48 hours at +20°C
Full strength	14 days at +20°C
Tensile adhesion strength	concrete :1.0 - 1.6 N/mm <sup>2</sup> freeze/thaw: 0.8 - 1.2 N/mm <sup>2</sup>

Classification -

DS/EN 12004

Shelf life

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Min. 12 months in unopened bag