



Rapid-setting flexible natural stone adhesive

- For ceramic tiles, mosaics, quarry tiles, and moisture-insensitive natural stone
- For large-sized tiles up to 600x 600 mm
- For interior use in dry and wet locations
- Long yield – 18 kg corresponds to at least 20 kg conventional tile adhesive
- Flexible
- Smooth and easy-flowing consistency
- Approved for wet room use
- Suitable for underfloor heating
- Bed thicknesses up to 5 mm

Product

Grey, cement-based powder containing light fillers and high-performance polymer modifiers.

Coverage

Notched trowel	Coverage per m ²
4 x 4 mm approx.	1.2
6 x 6 mm approx.	1.8
8 x 8 mm approx.	2.4
10 x 10 mm approx.	3.0

Packaging

Available in 18 kg PE lined paper bags.

Surfaces

Cement/sand rendering, brickwork, aerated concrete
Screed, with or without underfloor heating, older than 14 days
Light-weight concrete, max. moisture content 8%
Flooring containing cement-based levelling compound
Anhydrite floors, max. residual moisture 0.5%
Concrete in situ and precast units/slabs, older than 2 months
Paper-faced plaster boards, fibre-reinforced plaster boards
Existing tiles, terrazzo
Vinyl and paint on concrete
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.

Ensure that paint is sufficiently adhering and non-flaking. Sand/Matt vinyl and paint with the appropriate sandpaper and apply a thin contact layer of Alfix FlexFix.

Straightening of lumps and unevenness of up to 5 mm can be made using Alfix FlexFix.

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.

Mixing and fixing

Add approx. 0.23 – 0.28 litres of clean, cold water per kg powder depending on whether to use as non-slip wall adhesive or pourable, easy-flowing floor adhesive.

Apply Alfix ProFix 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 approx. 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! Apply adhesive to both tiles and surface to ensure solid bedding leaving no voids (buttering/floating method).

Suitable tile adhesives for tile sizes exceeding 600 X 600 mm: Alfix ProFix, Alfix CombiFix, Alfix CombiQuickFix Alfix QuickFix premium.

Suitable tile adhesive for moisture sensitive natural stone: Alfix QuickFix premium

NB!


Additional water should not be added to adhesive already starting to set.

Note that the temperature of mixing water will influence setting time.

Repositioning of tiles should be done within approx. 20 minutes after fixing, depending on substrate and tile absorbency.

Switch off any underfloor heating.

Precautions

	Alfix A/S H.C. Ørstedes Vej 11-13 DK-6000 Kolding alfix.com 05	Declaration of Performance No. 49	EN 12004:2007+A1:2012 Alfix FlexFix Cement-based Tile adhesive with improved adhesive strength, deformation and open time. Interior use
Reaction to fire Fire classification	NPD	Hazardous substances	See Product health and safety data on www. alfix.com
tensile adhesion strength after dry ageing	≥ 1.0 N/mm ²	tensile adhesion strength after heat ageing	≥ 1.0 N/mm ²
tensile adhesion strength after water immersion	≥ 1.0 N/mm ²	tensile adhesion strength after freeze- thaw cycles	≥ 1.0 N/mm ²

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 – DS/EN 12002

Technical enquiries

Wet rooms – Tanking with Alfix

Alfix Product info on:

- Alfix Deep Cleaner
- Alfix 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.

Technical data

Working temperature	+5°C - +30°C
Density	1.4 kg/litre mixed with water
Open time	20 - 30 minutes
Working time	Approx. 4 hours at +20°C
Foot traffic/grouting	After 24 - 48 hours at +20°C
Full strength	7 days at +20°C
Tensile adhesive strength, concrete:	1.0 – 2.0 N/mm ²
Classification - DS/EN 12004	C2 TE S1
Shelf life	Minimum 12 months when stored unopened in cool, dry conditions