

### Flexible low-dust tile adhesive – Light

- For ceramic, granite and quarry tiles, mosaics and non-moisture-sensitive natural stone
- Low-carbon, Swan-labelled and DGNB-ready
- Suitable for tile formats up to 600 x 600 mm
- Low dust
- For interior and exterior use on floors and walls
- Extensive coverage
- Extra firm, smooth and light consistency
- Approved for wet rooms
- Suitable for underfloor heating
- Extremely low emissions: EC1 PLUS
- Layer thicknesses up to 5 mm

#### Product

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

#### Coverage

Trowel notch size	Kg per m <sup>2</sup>
4 x 4 mm	Approx. 0,85
6 x 6 mm	Approx. 1,3
8 x 8 mm	Approx. 1,8
10 x 10 mm	Approx. 2,0

#### Packaging

15 kg plastic-laminated sacks made of FSC®-certified paper (FSC® N003719), with moisture-barrier inner film made of 100% recycled plastic.

#### Substrate

Cement/sand rendering, brickwork and aerated concrete. Screed, with or without underfloor heating; recommended age: 14 days. Lightweight concrete elements, max. moisture content 8%. Floors finished with cement-based levelling compound. Anhydrite floors, residual moisture content max. 0.5%. In-situ concrete. Calcium silicate panels, wet-room cement board panels such as Aquapanel, Powerpanel H2O, Hydropanel, Ivarit UniCo and Internit VR. Polystyrene panels with cement fibre-reinforced surface, such as Wediboard, Jackoboard and LUX panels. Gypsum plaster, wet room plasterboard, fibre plasterboard such as Glasroc Hydro. Existing tiled surfaces, terrazzo. Vinyl-coated and painted concrete.

Substrates comprising plaster, wood, existing tiles, vinyl and paint are not normally suitable for outdoor use or for areas exposed frequently or permanently to water.

#### Preparation

The substrate should be sound and secure, free from dust, grease and laitance, as well as from blooms and penetrating cracks. Use Alfix Deep Cleaner to remove grease and soap residue.

Check that any paint is sufficiently adhering and non-flaking.

Sand/roughen vinyl and painted surfaces with appropriate sandpaper, and treat with Alfix Universal Primer. Alternatively, apply a thin contact layer of Alfix LetFix Plus, mixed with Alfix FlexBinder, if appropriate.

Alfix LetFix Plus can be used to level out uneven spots of up to 5 mm. Make sure to prime strongly absorbent indoor substrates – such as untreated aerated concrete, plasterboard, gypsum plaster, calcium silicate boards and anhydrite floors – with Alfix Sealing Primer or Alfix PlaneMixPrimer.

For exterior use, prime absorbent surfaces with Alfix PlaneMixPrimer mixed with water at a ratio of 1:6.

#### Instructions for use

Mix in a ratio of 0.54–0.60 litres of clean cold water per kg of powder, depending on whether you are using the product as a firm wall adhesive or an easy-flowing floor adhesive.

For optimal firmness, add a maximum of 0.54 litres of water per kg of powder. Mix to form a smooth, lump-free paste; maximum mixing time, 1 minute.

Use a notched trowel to spread Alfix LetFix Plus across the substrate; use the straight edge first and then the notched edge to create a ridged bed. Press/wiggle the tiles in place in the moist adhesive immediately – and within no more than 20–30 minutes. When installing mosaics, use the flat side of the trowel to smooth the surface of the adhesive. Then press/tap the mosaic tiles in place in the moist adhesive using a grout float, for example.

Check that the whole rear side of the tile is covered.

For outdoor applications – terraces, steps and façades, for example – always use the Battering-Floating method. For additional instructions, see the Alfix theme info: Laying tiles on outdoor terraces and balconies.

Choice of adhesive for tile formats larger than 600 x 600 mm: Alfix ProFix, Alfix ProFix Plus, Alfix CombiQuick-Fix, Alfix QuickFix premium.

See the Alfix brochure “Large and mega-format tiles – Installation and grouting with Alfix.”

Choice of adhesive for moisture-sensitive natural stone: Alfix QuickFix premium. See the Alfix Theme Info “Natural stone/marble”.

#### NB


Do not add extra water to adhesive that has already begun to set.

Please note that mixing with warm water will shorten the open and setting time.

It is normally possible to reposition tiles within around 20–30 minutes of installation, depending on the absorbency of the substrate and the tiles themselves.

Any underfloor heating system must be switched off at least 2 days in advance.

## Precautions

	Alfix A/S H.C. Ørsteds Vej 11-13 DK-6000 Kolding alfix.com  22	Ydeevnedeklaration nr. 53	EN 12004:2007+A1:2012  Alfix Letfix Plus Cementbaseret fliseklæber med forbedret vedhæftning, deformation og åbentid. Inden- og udendørs anvendelse.
Brandklasse	NPD	Farlige stoffer	Se sikkerhedsdatablad på <a href="http://www.alfix.com">www.alfix.com</a>
Vedhæftningsstyrke efter tørlagring	≥ 1,0 N/mm <sup>2</sup>	Vedhæftningsstyrke efter varmelagring	≥ 1,0 N/mm <sup>2</sup>
Vedhæftningsstyrke efter vandlagring	≥ 1,0 N/mm <sup>2</sup>	Vedhæftningsstyrke efter frost-tø lagring	≥ 1,0 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.

## Tests

DS/EN 12004 – DS/EN 12002

## References

The brochure: Wet rooms – Tanking with Alfix  
 The brochure: Large and mega-format tiles – Installation and grouting with Alfix  
 Theme info: Laying tiles on outdoor terraces and balconies  
 Theme info: Natural stone/Marble  
 Product information about:  
 Alfix Deep Cleaner (Grundrens)  
 Alfix Sealing Primer (VådramsPrimer)  
 Alfix PlaneMixPrimer  
 Alfix FlexBinder  
 Alfix UniversalPrimer

Material safety data sheet

If you have any doubts or questions, contact our Technical Service department.  
 For the most recently updated version of this data sheet, go to [alfix.com](http://alfix.com)

## Technical data

Working temperature +5°C - +30°C  
 Density 1.35 kg/litre, mixed with water  
 Open time 20–30 minutes  
 Working time Approx. 4–5 hours at +20°C  
 Foot traffic/grouting After 24 hours at +20°C  
 Full strength After 7 days at +20°C  
 Tensile strength, concrete 1.0 - 2.0 N/mm<sup>2</sup>  
 Classification –  
 DS/EN 12004 - DS/EN 12002 C2 TE S1  
 Shelf life Min. 12 months in dry conditions and unopened packaging