



Flexible tile adhesive - Light

- For ceramic and quarry tiles, mosaics and non-moisture-sensitive natural stone
- Suitable for tile formats up to 600 x 600 mm
- Fixing of insulating plates
- For interior and exterior use on floor and wall
- Approved for wet rooms
- Suitable for underfloor heating
- Bed thicknesses up to 5 mm

Product

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

Coverage

Notched trowel	Coverage per m ²
4 x 4 mm	approx. 1.0 kg
6 x 6 mm	approx. 1.5 kg
8 x 8 mm	approx. 1.9 kg
10 x 10 mm	approx. 2.4 kg

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 6 months.
Paper-faced plaster boards, fibre-reinforced plaster boards.
Existing tiles, terrazzo.
Vinyl and paint on concrete.
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. 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 LetFix Universal, mixed with Alfix FlexBinder, if appropriate.

Straightening of lumps and unevenness of up to 5 mm can be carried out using Alfix LetFix Universal. 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 PlaneMixPrimer mixed with water at a ratio of 1:6.

Mixing and fixing

Add approx. 0.4 – 0.5 litres of clean, cold water per kg powder depending on whether to use as non-slip wall adhesive or pourable floor adhesive.

For optimal standing strength, add a maximum of 0.43 liters of water per kg powder.

Mix to a lump-free mass, maximum mixing time 1 minute.

Apply Alfix LetFix Universal 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.

Press/wiggle the tiles in place in the moist adhesive immediately – and within no more than 20–30 minutes. When installing mosaics, smooth the ridged layer of adhesive from the notched trowel to create a level bed of adhesive. Press/tap the mosaic tiles in place in the moist adhesive using a grout float, for example. Ensure complete adhesive coverage!

For tile sizes exceeding 600 x 600 mm, apply adhesive to both tiles and surface to ensure solid bedding leaving no voids (buttering/floating method).


For exterior use, e.g. terraces, stairs and facades, regardless of tile size, always apply buttering/floating method.

Tile formats larger than 600 x 600 mm will require extra drying time and will take longer to be ready for foot traffic/grouting. Alternatively, you can use: Alfix ProFix, Alfix CombiQuickFix and Alfix QuickFix premium.

NB!

Alfix LetFix Universal is based on white Portland cement, which prevents colour difference at bright natural stone. However, this can not be guaranteed under all conditions. Hence, for receptive and moisture sensitive stones it is recommendable to trial a small area to ensure that tile and adhesive are compatible. 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 11	Declaration of performance No. 1	EN 12004:2007+A1:2012 Alfix LetFix Universal Improved cementitious adhesive for internal and external tiling
Reaction to fire	NPD	Release of dangerous substances	See material safety data sheet www.alfix.com
Bond strength: Initial tensile adhesion strength	≥ 1.0 N/mm ²	Durability, tensile adhesion strength after heat ageing	≥ 1.0 N/mm ²
Durability, tensile adhesion strength after water immersion	≥ 1.0 N/mm ²	Durability, 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

Product info on:

- Alfix Deep Cleaner
- 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.

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 hours at +20°C
Foot traffic/grouting	24-48 hours at +20°C
Full strength	7 days at +20°C
Tensile adhesion 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