



Flexible dust reduced 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
- For interior and exterior use on floor and wall
- Coverage as 25 kg traditional tile adhesive
- Fixing of insulating plates
- Smooth and light-weight with non-slip properties
- Suitable for underfloor heating
- Very low emission: EC 1 PLUS
- Bed thicknesses up to 5 mm

Product

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

Coverage

| Notched trowel | Coverage per m ² |
|----------------|-----------------------------|
| 4 x 4 mm | approx. 0.9 kg |
| 6 x 6 mm | approx. 1.4 kg |
| 8 x 8 mm | approx. 1.9 kg |
| 10 x 10 mm | approx. 2.2 kg |

Packaging

Available in 3.5 kg and 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

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 less dust, mixed with Alfix FlexBinder, if appropriate.

Straightening of lumps and unevenness of up to 5 mm can be carried out using Alfix LetFix less dust. 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 less dust 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!

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. 20-30 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. 5 | EN 12004:2007+A1:2012 Alfix LetFix 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

Do not throw leftover tile adhesive on the ground at the construction site, the tile adhesive contains ingredients that break down very slowly in nature. When the tile adhesive has set, it can be disposed of like normal construction waste.

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

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|------------------------------|--|
| Working temperature | +5°C - +30°C |
| Density | 1.35 kg/litre (mixed with water) |
| Open time | 20 – 30 minutes |
| Working time | Approx. 3 hours at +20°C |
| Foot traffic/grouting | 24 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 |