



## Mosaicfix

### Flexible mosaic and tile adhesive

For fixing mosaics, glass tiles, ceramic tiles, fully vitrified tiles, marble, and natural stone.

- For interior and exterior use
- Smooth and easy to apply
- Very suitable for mosaics and fully vitrified tiles
- Grouting after 6 - 12 hours
- Suitable for wet rooms
- Suitable for underfloor heating
- High tensile and shear strength
- Bed thicknesses up to 5 mm
- CE-classification: C2 E

Light grey, cement-based powder containing polymer modifiers.

#### Product

#### 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. 2.4 kg
10 x 10 mm	approx. 3.0 kg

#### Packaging

Available in 5 kg and 25 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  
 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. Straightening of lumps and unevenness of up to 5 mm can be carried out using Alfix Mosaicfix.  
 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 Mosaicfix.

#### Mixing and fixing

Add approx. 0.25 – 0.30 litres of clean, cold water per kg powder corresponding to 6.25 – 7.5 litres of ready mixture per 25 kg bag depending



on whether to use as non-slip wall adhesive or pourable floor adhesive.  
Apply Alfix Mosaicfix 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 15 – 20 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 tile sizes exceeding 60 X 60, apply adhesive to both tiles and surface to ensure solid bedding leaving no voids (buttering/floating method).

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

### **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.

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

Switch off any underfloor heating.

## Precautions

IRRITANT

## 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

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

## Technical data

<b>Working temperature</b>	+5°C - +30°C
<b>Density</b>	1.6 kg/litre (mixed with water)
<b>Open time</b>	20 – 30 minutes
<b>Working time</b>	approx. 2 hours at +20°C
<b>Foot traffic/grouting</b>	6 - 12 hours at +20°C
<b>Full strength</b>	7 days at +20°C
<b>Tensile adhesion strength</b>	concrete :1.2 – 2.2 N/mm <sup>2</sup>
<b>Classification - DS/EN 12004</b>	C2 E
<b>Shelf life</b>	Min. 12 months in unopened bag