



Self-levelling fibre-reinforced levelling compound

- For concrete, existing tiles and wood
- For creating falls and levelling subfloors
- For interior use
- Fast curing
- Ideal for creating a one-way fall towards design drains
- Suitable for embedding underfloor heating
- Layer thicknesses from 5 - 60 mm

Product

Grey, fast-curing, cement-based and polymer-reinforced powder.
Shrinkage compensated.
Can be applied manually or by pump.

Coverage

Approx. 1,7 kg/m² per mm layer thickness.

Packaging

20 kg plastic-laminated paper bags.

Substrate

Concrete subfloors with a maximum moisture level of 95% RH and a tensile adhesion strength of at least 1 N/mm².

Ceramic tiles, terrazzo and wood.

For further information, contact our Technical Service Department.

Pre-treatment

The substrate must be sound and cleaned of dust, grease and surface laitance.

Grease and soap residues are removed with Alfix Grundrens. Surface laitance must be ground off and the substrate vacuum cleaned.

Smooth surfaces must be roughened.

Absorbent substrates are primed with Alfix PlaneMixPrimer.

Non-absorbent substrates are primed with Alfix UniversalPrimer.

Alternatively, slurry/brush the substrate with a mixture of Alfix PlaneMixPrimer and levelling powder at a ratio of 1:2.

The room temperature should not be below +10°C.

The primer must be dry before further treatment.

Levelling should be carried out no later than 24 hours after application of PlaneMixPrimer. Use Alfix Spar-telstop, self-adhesive foam strips, as edging at doors, floor drains, etc. The levelling compound must not adhere to walls.

For layer thicknesses greater than approx. 5 mm, install self-adhesive Alfix Edge Strip with skirt.

If levelling is carried out in several layers, prime with Alfix PlaneMixPrimer before each new layer.

Instructions for use

Mix with 3.2 - 4.0 litres of clean, cold water per 20 kg bag.

Vandmængde pr. pose*)	4,0 litres	3,6 litres	3,2 litres
Layer thickness in mm	5 mm	30 mm	60 mm

Recommended water quantities

*) Water quantity for creating falls: 3.2 litres/bag

Pour the water into a clean container and sprinkle in the powder while mixing vigorously until a lump-free mass is obtained. If required, use a mixing tub with mixer for mixing several bags at a time. Mixing time is approx. 2 minutes using a drill and mixing paddle.

Alfix PlaneMix 60 is poured or pumped onto the subfloor and distributed with a smooth or notched trowel. Creating falls: Use approx. 3.2 litres of clean, cold water per 20 kg bag. The levelling compound is applied from the expected highest point of the floor down towards the floor drain. After approx. 20 minutes, the levelling compound is drawn away from the floor drain until the desired fall is achieved.

Min. layer thickness on concrete substrates: 5 mm.

Min. layer thickness on wooden substrates: 12 mm.

Note!

In wet rooms, waterproofing must always be applied on top of the levelling compound.

Do not add further water to levelling compound that has started to set/harden.

Please note that a higher mixing water temperature shortens, and a lower temperature prolongs, the working time.

Underfloor heating systems must be switched off at least 3 days before start-up and should not be switched on until approx. 3 weeks after grouting of the tile covering has been completed.

When the underfloor heating is switched on, increase by +5°C/day until the desired floor heating temperature has been reached.

Overdosing with water will reduce strength and cause laitance formation.


Covering / coating

Before covering, the relative humidity must be known and matched to the relevant type of covering. Drying depends on, among other things, temperature, humidity and ventilation, as well as the underlying construction.

Tile laying: 24 hours at +20°C.

Dense coverings: Guideline drying time 2 - 3 days

Precautions

	Alfix A/S H.C. Ørsteds Vej 11-13 DK-6000 Kolding alfix.com 14	Declaration of performance No. 32	DS/EN 13813 CT-C30-F7 Alfix PlaneMix 60 Cement-based screed material
Fire classification	A1 _n	Release of corrosive substances	CT
Water permeability	NPD	Water vapour permeability	NPD
Compressive strength	C30	Flexural strength	F7
Wear resistance	NPD	Impact sound absorption	NPD
Sound absorption	NPD	hermal insulation	NPD
Chemical resistance	NPD		

Cleaning

Residues of Alfix PlaneMix 60 on tools, etc. must be removed with water before setting.

Cement-based products harden under water, therefore never flush residues into the drainage system.

Tests

EMICODE test defined by GEV, Gemeinschaft Emissionskontrollierte Verlegestoffe.

References

Level subfloors, casting and levelling with PlaneMix

Wet rooms, waterproofing with Alfix

Product information for:

- Alfix Grundrens
- Alfix PlaneMixPrimer
- Alfix UniversalPrimer
- Accessories for Alfix Levelling Compound

Safety data sheet

In case of doubt, contact our Technical Service Department.

For the latest updated version of this data sheet, visit alfix.com

Technical data

Working temperature	+10°C to +25°C
Density	2,1 kg/litre mixed with water
Flowability EN-12706	Approx. 100 - 110 mm
Working time	20 - 40 minutes at +20°C
Ready for foot traffic	After 3 hours at +20°C
Fully loadable	After 7 days at +20°C
Compressive strength	25 - 35 N/mm ²
Flexural strength	7 - 8 N/mm ²
Storage	Min. 6 months when stored dry in unopened packaging.