



Self-levelling fibre-reinforced smoothing compound

- Suitable for concrete, existing tiles, and timber floors
- For straightening and leveling of substrates
- For interior use
- Ideal for slope building in rooms with wall-mounted floor drain
- Fast setting
- Suitable for underfloor heating
- Thickness: 5 - 60 mm

Product

Grey, fast-setting, polymer modified powder on the basis of aluminous cement. Applicable by trowel or pump.

Coverage

Approx. 1.7 kg per m² /mm thickness.

Packaging

Available in 20 kg PE lined paper bags.

Surfaces

Concrete subfloors, max humidity 95% RH. Cohesive strength should be min. 1 N/mm².

Ceramic tiles, terrazzo, and timber floors.

For further information and details; please contact our Technical Services Dept.

Surface preparation

The surface should be dimensionally stable, sound, clean and free from dust and laitance. Residues from grease or soap can be removed with Alfix Deep Cleaner. To remove laitance or roughen smooth surfaces, use mechanical preparation, such as sanding or grinding, and vacuum subsequently.

Prime absorbent surfaces with Alfix PlaneMixPrimer.

Prime non-absorbent surfaces with Alfix UniversalPrimer. Alternatively, wash/brush the surface with a mixture of Alfix PlaneMixPrimer and levelling powder in the ratio 1:2.

Ensure a room temperature of min. +10°C while working. Allow primer to dry before commencing further treatment. Application of smoothing compound should be made within 24 hours after priming. Use self-adhesive foam tape to retain at doors, around floor drains, etc. If possible prevent compound from obtaining contact to walls. For thicknesses exceeding 5 mm, always apply self-adhesive foam tape for walls. Should levelling imply several layers, priming before each new application is required.

Mixing and levelling

Add 3.2-4.0 litres of clean cold water per 20 kg bag of powder.

Amount of water per bag*)	4.0 litres	3.6 litres	3.2 litres
Layer thickness in mm	5 mm	30 mm	60 mm

Recommended amount of water

*) Amount of water for building up a slope: 3.2 litres/bag

Pour water into a clean container and sprinkle in powder while stirring continuously. If possible, use large mixing container or drum for more bags at a time and mix until a lump-free, easy-flowing mix is obtained. Mixing time is approx. 2 minutes using rotary drill paddle.

Pour or pump Alfix PlaneMix 60 onto the prepared substrate and spread with notched or straight trowel until the compound flows together into a smooth and even surface.

Slope building/gradient levelling:

Add 3.2 litres of clean cold water per 20 kg bag of powder. Apply levelling compound to the substrate with a trowel starting from the highest point and work towards the floor drain. Allow 20 minutes before forming the slope by removing excess compound from the drain towards the highest point until required fall is obtained.

Concrete, min. thickness: 5 mm Timber floors, min. thickness: 12 mm

NB!

In wet rooms, a waterproofing/tanking layer must always be applied on top of the levelling compound. Additional water should not be added to levelling compound already starting to set. Note that the temperature of mixing water will influence working time/pot life.

Over dosage of water will reduce strength and may produce laitance. Protect from draughts, direct sunlight, and heat.

Close broken packaging carefully after use and use the rest within the shortest possible time.


Flooring

Prior to further installation, make sure that the relative humidity on location corresponds to the floor covering in question. Curing rate is influenced by temperature, humidity, ventilation, as well as sub-floor construction.

Tiling: 24 hours at +20°C

Dense coverings: directional curing time: 2 – 3 days

Precautions

	Alfix A/S H.C. Ørstedes Vej 11-13 DK-6000 Kolding alfix.com 14	Declaration of performance No. 32	DS/EN 13813 CT-C30-F7 Alfix PlaneMix 60 Cementitious screed material for use internally in buildings.
Reaction to fire	A1 _n	Release of corrosive substances	CT
Water permeability	NPD	Water vapour permeability	NPD
Compressive strength	C30	Flexural strength	F7
Wear resistance	NPD	Sound insulation	NPD
Sound absorption	NPD	Thermal resistance	NPD
Chemical resistance	NPD		

Cleaning

Tools and tiles should be cleaned with water before the compound sets.

Cement-based products harden when mixed with water, hence do not pour surplus PlaneMix into the drain system.

Test

Low emission, GEV-EMICODE EC1 - test defined by the German institute Gemeinschaft Emissionskontrollierte Verlegestoffe.

Technical enquiries

Levelling compounds - plane, smooth surfaces with Alfix

Wet rooms – Tanking with Alfix

Product info on:

- Alfix Deep Cleaner
- Alfix PlaneMixPrimer

Product health and safety data /COSHH

For further information, please consult our Technical Services Dept.

For latest update of this product info, visit www.alfix.com.

Working temperature	+10°C - +25°C
Density	2.1 kg/litre (mixed with water)
Flow EN 12706	Approx. 100-110 mm
Working time	20 - 40 minutes at +20°C
Foot traffic	After 3 hours at +20°C
Floor covering	After 24 hours at +20°C
Full strength	After 7 days at +20°C
Compression strength	25 - 35 N/mm ²
Bending tensile strength	7 - 8 N/mm ²
Shelf life	Minimum 6 months when stored unopened in cool, dry conditions