



### Slump-free smoothing and repair mortar

- For smoothing, repairs and building slopes
- For substrates, such as concrete, ceramic tiles and timber
- For interior use in dry and wet rooms
- Easy to apply both to wall and floor
- Adjustable consistency
- Foot traffic after only 1 hour
- Installation of floor coverings after 2 hours
- Long yield
- Suitable for underfloor heating

#### Product

Grey, fast-setting, polymer modified powder on the basis of aluminous cement.

Applicable by hand with trowel up to 12 mm thickness.

For small areas, the product is applicable in thicknesses ranging from 12 to 35 mm – suitable for small repair jobs, hollows, sloping, etc

#### Coverage

For smoothing/straightening: approx. 1.3 kg per m<sup>2</sup> /mm thickness.

For straightening/levelling in thicknesses in excess of 12 to 35 mm, extra sand may be added to minimize crack formation due to shrinkage.

Kiln dried sand, grain size      Dosage for 20 kg PlaneMix S12

0 - 2 mm    4.0 kg

0 - 4 mm    6.0 kg

0 - 8 mm    10.0 kg

#### Packaging

Available in 5 kg and 20 kg PE lined paper bags.

#### Surfaces

Concrete subfloors, max humidity 95% RH.

Gypsum plaster, 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.

All surfaces should be primed with Alfix PlaneMixPrimer. Use primer in accordance with type of substrate. Ensure a room temperature of min. +10°C while working. Allow primer to dry before commencing further treatment.

#### Mixing and application

Add 0.2-0.3 litres of clean cold water per kg bag of powder depending on job and consistency. Pour water into a clean container and sprinkle in powder while stirring continuously. Mix until a lump-free and smooth consistency is obtained.

Alfix PlaneMix S12 rapid offers easy application and good workability when using straight steel trowel. Working time is approx. 20 minutes at +20°C. As soon as the mortar starts to set, it can be formed, smoothed, and finished up with float, sponge or felt slightly wet.

Should grinding or sanding be required, allow 2 – 24 hours after application.

Exposure to chair castors, min. thickness: 1 mm

#### NB!

Do not mix larger quantities than can be applied within the working time stated. Additional water should not be added to repair mortar 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.

Wet room usage requires installation of tanking system.

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

## Precautions

	Alfix A/S H.C. Ørstedes Vej 11-13 DK-6000 Kolding alfix.com  14	Declaration of performance No. 37	DS/EN 13813 CT-C30-F7  Alfix PlaneMix S12 Rapid Cementitious screed material for use internally in buildings.
Reaction to fire	A2 <sub>fl</sub> -s1	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 repair mortar sets.  
Cement-based products harden when mixed with water, hence do not pour surplus PlaneMix into the drain system.

## 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 /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).

Working temperature	+5°C - +25°C
Working time	10-20 minutes at +20°C
Foot traffic	After 1 hours at +20°C
Floor covering	After 2 hours at +20°C
Full strength	After 7 days at +20°C
Compression strength	25 - 35 N/mm <sup>2</sup>
Tensile bending strength	6 - 10 N/mm <sup>2</sup>
Shelf life	Min. 6 months in unopened bag