



## PlaneMix S12 Rapid

### Slump-free smoothing and repair mortar

For smoothing, refacing, and rapid repairs of holes, cracks, concrete stairtreads, and risers. Also for forming ramps and building slopes. For use on most solid substrates, such as concrete, ceramic tiles, and timber floors prior to final floor covering.

- 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
- Extended coverage
- Thicknesses up to 12 mm

#### Product

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

#### Coverage

For smoothing/straightening: approx. 1.3 kg per m<sup>2</sup> /mm thickness.  
 For thicknesses exceeding 5 mm, sand can be added in a dosage corresponding to grain size

Kiln dried sand, grain size	Dosage for 25 kg PlaneMix S12
0 - 2 mm	5.0 kg
0 - 4 mm	7.5 kg
0 - 8 mm	12.5 kg

#### Packaging

Available in 5 kg and 25 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 levelling

Add 5.5 - 7.5 litres of clean cold water per 25 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, smoothened, and finished up with float, sponge or felt slightly wet.

Alfix PlaneMix S12 Rapid can be used for thicknesses up to 12 mm. 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

IRRITANT

## 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).**

<b>Mixing ratio</b>	5.5 – 7.5 litres of water per 25 kg
<b>Working temperature</b>	+5°C - +25°C
<b>Working time</b>	Approx. 20 minutes at +20°C
<b>Foot traffic</b>	After 1 hours at +20°C
<b>Floor covering</b>	After 2 hours at +20°C
<b>Full strength</b>	After 7 days at +20°C
<b>Compression strength</b>	25 - 35 N/mm <sup>2</sup>
<b>Shelf life</b>	Min. 6 months in unopened bag