



Semi-dry screeding mortar

- For screeding, straightening and repairing subfloors
- Based on CO₂-reduced cement
- Ideal for wet rooms – new buildings and repairs
- For interior and exterior use
- Semi-dry consistency
- Applicable by trowel or pump
- Foot traffic after 18 hours
- Ideal for subfloor repairs
- Thickness: 20 – 90 mm

Product

Grey cement-based powder.
Grain sizes up to 2,0 mm.

Coverage

Approx. 1600 kg per m³

Thickness in mm

20 mm
50 mm
100 mm

Kg per m²

approx. 32 kg
approx. 80 kg
approx. 144 kg

Packaging

Available in 20 kg PE lined paper bags - FSC® certified paper (FSC® N003719).

Surfaces

Can be applied on all stable surfaces with or without underfloor heating, high compressive strength insulation etc. Concrete with or without underfloor heating, existing tiles, terrazzo, and timber floors.

Use as bonded or floating coating on screed.

For further information or details, please contact our Technical Services Dept.

Surface preparation

The surface should be dimensionally stable, sound, clean and free from dust and laitance. For surfaces requiring bonded coating, broom or brush the surface with a mixture of Alfix PlaneMixPrimer and Alfix PlaneMix 90 Plus in the ratio 1:1.

Apply the mixture thoroughly by use of brush or broom and work it well into the surface.

Do not allow the slurry to dry before further treatment.

Ensure a room temperature of min. +10°C.

Mixing and levelling

Add approx. 1.8 - 2,0 litres of clean cold water per 20 kg bag of powder. Use large mixing container, drum, paddle stirrer or electric drill and mix thoroughly for approx. 2 minutes until a semi-dry consistency is obtained.

Lay out PlaneMix 90 Plus wet-on-wet onto the brushed surface and spread evenly. Upon compaction, level and render the surface by use of smoothing board/straight edge.

If necessary, steel trowel the surface until it appears smooth and closed.

Application, rendering and trowelling should be done in one, ongoing work operation.

Do not work over larger areas than can be completed within the approx. 60 minutes working time stated.

Min. bed thickness – bonded screed on concrete: approx. 20 mm.

Min. bed thickness – floating screed added reinforcing mesh: approx. 40 mm.

NB!

Additional water should not be added to screeding 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 cause crack formation.

Protect from direct sunlight.

Switch off any underfloor heating and allow 14 days before switching heating back on.

Precautions

	Alfix A/S H.C. Ørstedes Vej 11-13 DK-6000 Kolding alfix.com 22	Ydeevnedeklaration nr. 54	DS/EN 13813 CT- C25-F5 Alfix PlaneMix 90 Plus Cementbaseret afretningsmateriale
Brandbarhed	A1	Afgivelse af korrosive stoffer	CT
Vandpermeabilitet	NPD	Vanddamppermeabilitet	NPD
Trykstyrke	C30	Bøjningstrækstyrke	F6
Slidstyrke	NPD	Trinlydisisolering	NPD
Lydabsorption	NPD	Isolans	NPD
Kemisk resistens	NPD		

Cleaning

Tools and tiles should be cleaned with water before the 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 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.

Technical data

Working temperature	+10°C - +25°C
Density	1.9 kg/litre (mixed with water)
Working time	Approx. 1-2 hours at +20°C
Foot traffic	After 18 hours at +20°C
Floor covering	After 7 days at +20°C
Full strength	After 14 days at +20°C
Compression strength, 28 days	>25 N/mm ²
Adhesion Cohesion strength	approx. 1.5 N/mm ²
Shelf life	Min. 12 months in unopened bag