



### Flexible, through-coloured thin coat finishing mortar

- For final render on insulation, board substrates and aerated concrete
- For reinforcement render on aerated concrete
- Produces a smooth and uniform texture
- For interior and exterior use
- Water and weather-resistant
- Diffusion open
- Coat thickness 1-4 mm

#### Product

Cement-based powder containing polymer modifiers. Added light-stable pigments.

Contains quartz sand and light fillers with grain sizes:

- cement white and white up to 1.3 mm
- cement grey up to 0.8 mm

#### Colours

Available in through-coloured white and natural cement white and grey.

#### Coverage

Approx. 1.4 kg/m<sup>2</sup> per mm layer thickness.

As finishing render: approx. 2 kg/m<sup>2</sup>.

#### Packaging

Available in 20 kg PE lined paper bags.

#### Surfaces

Mineral wool or expanded polystyrene with a reinforced base render comprising an 8 mm layer of Alfix DuraPuds 810. The layer of render must have been allowed to dry for at least 2 days.

Cement-based boards such as Aquapanel or Powerpanel, with reinforcement render comprising an 4 mm layer of Alfix DuraPuds 804. The layer of render must have been allowed to dry for at least 2 days.

Masonry: before rendering, masonry must be allowed to dry and harden completely.

Concrete: 14 days, max. 90% RH.

Lightweight concrete elements: max. moisture content 8% by weight.

Aerated concrete: the surface must be dry, without showing signs of moisture accumulation. All joints must be closed and sealed. Fill in any areas of flaking and any hollows before rendering. Fill in any recessed joints with a thin layer of DuraPuds 804, mixed using a minimum of water. Leave to dry until the following day before continuing treatment.

For further information, please consult our Technical Services Dept.

#### Surface preparation

The surface must be clean and sound, and all dust, loose mortar, grease, salt, fouling and other contamination must have been removed. Strongly absorbent surfaces – aerated concrete, for example – must be primed using Alfix PlaneMixPrimer diluted with water in a ratio of 1:6.

#### Mixing and fixing

Mix using approximately 4.0–4.5 litres of clean, cold water per 20 kg bag. Pour the water into a clean container and sprinkle in the powder while stirring strongly until the mixture reaches a uniform consistency without lumps. The render is ready for use in a couple of minutes.

#### Reinforcement and final render on aerated concrete and cement-based boards

Outdoors on aerated concrete, apply a reinforcement layer of Alfix DuraPuds 804 as a 2-layer application. On the first day, fit Alfix corner fillet and Alfix bottom fillet basic elements in Alfix DuraPuds 804. Then use a steel float to apply the render to the surface in a covering layer approx. 4 mm thick. Push Alfix 4x4 mm fibreglass mesh into the wet render. There should be an overlap of at least 10 cm where the mesh joins. Use a flat trowel to press the mesh gently onto the wet render. Reinforce areas around openings and folds with extra pieces of reinforcement mesh. Wait at least a day before applying a final layer of Alfix DuraPuds 804 to a thickness of 1–2 mm.

#### Final render

Use a steel float to apply a thin layer of Alfix DuraPuds 804. When the render is touch dry, rub down the surface with a moist sponge or floating trowel to produce a fully covering and uniform result. In order to avoid joint marks, make sure to finish the entire wall surface in a single work process.

#### NB!


Additional water should not be added to a mixture already starting to set.

When using coloured finishing render, consistent water dosage and even final smoothing are crucial factors in order to obtain a good result.

Exterior use should only take place in dry weather at temperatures from +5°C - +25°C. Avoid direct sunlight. If rainy weather or temperatures below +5°C are forecast, cover surfaces.

Avoid exterior rendering during winter.

## Precautions

	Alfix A/S H.C. Ørsteds Vej 11-13 DK-6000 Kolding alfix.com  13	Ydeevne deklaration nr. 3	EN 998-1:2010 Alfix DuraPuds 804 Mineralsk puds CS II
Brandklasse	A2-s1,d0	Varmeledningsevne	$\lambda_{10,dry} \leq 0,83 \text{ W/(m-K)}$ for P=50% $\lambda_{10,dry} \leq 0,93 \text{ W/(m-K)}$ for P=90% (tabelværdier efter EN 1745)
Vandabsorption	W2		
Diffusionsmodstands- faktor $\mu$	$\leq 25$		
Vedhæftning på beton	$\geq 0,08 \text{ N/mm}^2$	Holdbarhed / frostresistens	NPD

## Cleaning

Clean render residues from tools with water before the mortar sets. Cement-based products harden when mixed with water, hence do not dispose of excess material by pouring into drainage system.

## Tests

SP Fire 105

## Technical enquiries

Product info on:

- Alfix DuraPuds 710
- Alfix DuraPuds 810
- 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).

## Technical data

Working temperature	+5°C - +25°C
Density	1.3 kg/ litre (mixed with water)
Working time	3 - 4 hours at +20°C
Water vapour diffusion	$\mu$ -value: $\leq 25$
Drying time	24 hours at min. +15°C
Exposure class	MX 3.1
Compressive strength	4 N/mm <sup>2</sup>
Fully cured/ready to receive further treatment	7 days at min. +15°C
Shelf life	Min. 12 months in unopened bag