



### Flexible fibre render

- For base coat rendering
- Requires finishing render/top coat
- Suited as render on facade insulation.
- Interior and exterior use
- Fibre-reinforced
- For adhesion and flexibility
- Water-repellent and diffusion open
- Reduces the risk of crack formation
- Suitable as reinforcing render with fibreglass mesh
- Non-flammable
- Coat thickness 2 - 10 mm

### Product

Cement-based powder containing polymer modifiers. Contains quartz sand with grain sizes up to 1.2 mm.

### Colour

Grey.

### Coverage

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

### Packaging

20 kg PE-lined paper bags.

### Surfaces Concrete.

Brickwork made of extruded/wire-cut bricks and lime stone.

Facade batts of mineral wool

Cellular plastic insulation of expanded polystyrene (EPS) and extruded polystyrene (XPS).

Board substrates for facade render

When selecting insulation materials, national rules concerning fire must be considered.

For further information, please contact our Technical Service Department.

### Surface preparation

The substrate should be dimensionally stable and free from dust, loose mortar residues, grease, salts, fouling and other contaminations.

Prime highly absorbent substrates with Alfix PlaneMixPrimer diluted 1:6 with clean water.

### Mixing and application

Add 3.6 - 4.0 litres of clean, cold water per 20 kg powder. Pour water into a clean container and sprinkle the powder in while stirring until a lump-free consistency is obtained. Leave the mixture to rest for a few minutes and remix briefly before use.

### Reinforced render coat on facade insulation and board substrates

Alfix DuraPuds 810 is suited as base and reinforcing render on insulation. This work should be carried out as a two-layer coating process:

On the first day, apply the render with a steel trowel to 5-6 mm thickness.

Fix the Alfix Fibreglass mesh, 4x4 mm, in the wet mortar.

Ensure that the mesh overlaps joints by min. 10 cm. Press the reinforcing mesh lightly into the surface of the wet render with a smooth spatula.

It is important to position the reinforcing mesh in the outer part of the coat.

On the second day, apply a new solid coat of Alfix DuraPuds 810 to 2-3 mm thickness. When the render begins to set, finish using a float until the surface is even.

### Reinforced coat on concrete, brickwork

Alfix DuraPuds 810 is suited for reinforcement purposes together with Alfix Fibreglass mesh, 4x4 mm, on substrates where cracks may occur.

Apply the render to 3-4 mm thickness.

Press the reinforcing mesh into the wet render with a smooth spatula.

On the following day at the earliest, apply a new layer of Alfix DuraPuds 810 to approx. 2 mm thickness.

### Adhesive render on concrete, brickwork

Alfix DuraPuds 810 is suited for substrates where increased adhesion is required. Use in up to 10 mm and finish with a float.

On low-absorbent substrates, the work is carried out as a two-layer coating process.

First, apply a contact layer of Alfix DuraPuds 810.

On the following day at the earliest, apply a fully-covering layer of Alfix DuraPuds 810.

### Note!


Do not add additional water to render which has begun to set. Exterior rendering should only take place in dry weather at temperatures between +5°C and +25°C, and not in direct sunlight. If rainy weather or temperatures below +5°C are forecast, cover facades. Avoid exterior rendering during the winter season.

### Finishing render

Before finishing, the render must be fully hardened and dry. Drying time is approx. 1 week at +20°C.

As a finishing render/top coat a vapour permeable and water resistant render on cement base as DuraPuds 804 or DuraPuds 800 SR, silicone resin render, is recommended.

### Precautions

	Alfix A/S H.C. Ørstedes Vej 11-13 DK-6000 Kolding alfix.com  10	Declaration of performance No. 12	EN 998-1:2010 Alfix DuraPuds 810 For external and internal use on walls CS III
Reaction to fire	A2-s1,d0	Thermal conductivity	$\lambda_{10,dry} \leq 0,83 \text{ W/(m-K)}$ for P=50% $\lambda_{10,dry} \leq 0,93 \text{ W/(m-K)}$ for P=90% (EN 1745 table)
Capillary water absorption	W2		
Water vapour permeability $\mu$	$\leq 25$		
Adhesion	$\geq 0,08 \text{ N/mm}^2$	Durability	NPD

### Cleaning

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

### Technical enquiries

Product info for:  
DuraPuds 804  
DuraPuds 800 SR  
Accessories for DuraPuds  
Safety data sheet / COSH

For further information, please contact our Technical Service Department.  
For latest update of this data sheet, please visit [alfix.com](http://alfix.com)

### Technical data

Working temperature	+5°C - +25°C
Density	1.6 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
Compressive strength	>6 N/mm <sup>2</sup>
Fire class	Non-flammable
Exposure class	MX4
Full strength	After 7 days at min. +15°C
Shelf life	Min. 12 month in unopened packaging.