



Flexible facade adhesive - Light

- For bonding of external wall insulation
- Suitable for mineral wool and plastic-based foam insulation
- For interior and exterior use
- Easy and smooth with non-slip properties
- Suitable for straightening of hollows and unevenness
- Light-weight adhesive
- Extended coverage
- Coat thickness 3 - 30 mm

Product

Cement-based powder containing light fillers and high-performance polymer modifiers. Grain sizes up to 1.0 mm.

Colour

Light grey.

Coverage

For straightening: 0.9 – 1.0 kg/m² per mm coat thickness.
For bonding: Approx. 3.0 kg/m² per mm coat thickness.

Packaging

18 kg PE-lined paper bags.

Surfaces

For use on fixed substrates such as concrete, brickwork, lightweight concrete, and aerated concrete.

Insulation

Facade batts of mineral wool

Plastic-based foam insulation of expanded polystyrene (EPS) and extruded polystyrene (XPS).

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.

Toothings or depressions should be straightened. Filling and straightening of hollows and unevenness up to 30 mm can be made using Alfix DuraPuds 830.

For straightening with a fully covering coat, max. layer thickness should not exceed 10 mm!

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

Mixing and application

Add 4.7 – 5.0 litres of clean, cold water per 18 kg powder. Pour water into a clean container and sprinkle the powder in while stirring until a lump-free consistency is obtained. Use mixing drill or concrete mixer. Leave the mixture to rest for a few minutes and remix briefly before use.

Facade insulation boards/batts – uneven surface

Place insulation board onto a stable base with rear side up. Apply DuraPuds 830 adhesive to the board using a steel trowel with a rectangular blade. Apply an even 5 cm wide band of adhesive along all 4 board sides. Observe that the adhesive band is placed approx. 1 cm within outer edge to ensure an adhesive-free jointing edge. Apply 3 dollops the size of a hand in the centre of the board.

Press and fix the board with freshly applied adhesive onto the wall. Boards should be bond laid and placed as tightly together as possible. Adapting pieces should be solid bedded. Against windows and external corners, always use pre-cut right-angled edges. Avoid adhesive on jointing surfaces. At least 50% of each board surface should be covered and in contact with adhesive.

Facade insulation boards/lamellas – even surface

Apply DuraPuds 830 to the entire rear board surface using min 10x10 mm notched trowel. Avoid adhesive on edges.

Press the board with freshly applied adhesive onto the wall. Boards should be bond laid and placed as closely together as possible. Against windows and external corners always use pre-cut right-angled edges. Adhesive coverage should be 100% - i.e. full surface bonding.

Note!

Do not add additional water to render which has begun to set
Exterior work with adhesive render 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.

Fixing dowels

Do not fix dowels until the facade adhesive has completely set, allow at least 24-48 hours.

Cleaning

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

Tests

SP Fire 105

Technical enquiries

Product info for:
DuraPuds 810
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.dk

Technical data

Working temperature	+5°C - +25°C
Density	1.1 – 1.2 kg/litre mixed with water
Working time	2 - 3 hours at +20°C
Water vapour diffusion	μ value: ≤ 25
Drying time	24 hours at min. +15°C
Compressive strength	>5 N/mm ²
Fire class	Non-flammable
Exposure class	CS III
Full strength	After 7 days at min. +15°C
Shelf life	Min. 12 month in unopened packaging.