GEV-EMICODE EC 1 PLUS very low emission

Bonding and thin-layer render

• For thin-layer rendering on substrates such as concrete, plinths and machine-made brick masonry
• Used as a base for finishing render or as a finished surface
• For interior and exterior use
• Fibre reinforced
• Vapour permeable
• Low capillary absorption
• Suitable as reinforcing render with glass fibre mesh
• Low shrinkage
• Layer thickness 1 - 10 mm

Product
Cement-based fibre- and polymer-reinforced powder.
Contains quartz sand with grain sizes up to 0.8 mm.

Colours
Availabe in pigmented white and unpigmented cement grey.

Consumption
Approx. 1.4 kg/m² per mm layer thickness

Packaging
20 kg plastic-laminated paper bags.

Substrate
Concrete.
Masonry such as smooth machine-made bricks and sand-lime brick.
Lightweight aggregate concrete.
Existing tiles, interior use only.
Painted substrate, interior use only.
For further information, contact our Technical Service Department.

Pre-treatment
The substrate must be sound and cleaned of dust, loose mortar residues, grease, salts, biological growth and other dirt. Depending on the condition of the substrate, dry or wet, sand blasting may be necessary. Highly absorbent substrates must be primed with Alfix PlaneMixPrimer diluted 1:6 with clean water.

Board substrates, existing tiles and painted substrates: Apply a thin contact layer of, for example, Alfix LetFix or Alfix DuraPuds 710 to the substrate. Must dry until the following day.

Instructions for use
Mix with 3.6 - 4.0 litres of clean, cold water per 20 kg bag. Pour the water into a clean container and sprinkle in the powder while mixing vigorously until a lump-free mass is obtained. After a few minutes, remix the render and it is then ready to use.

Thin render on concrete, plinths and smooth surfaces: Alfix DuraPuds 710 is applied in layers up to 5 mm per coat and worked with a felt float or float. On non-absorbent substrates, the work is carried out over 2 days. On the first day, apply a bonding coat with a steel trowel. Earliest the following day, apply a new render layer, which is felted and floated.

Thin render on smooth machine-made bricks: Alfix DuraPuds 710 is suitable as a thin render on masonry of smooth machine-made bricks. The render is applied to the substrate with a steel trowel. When the render is finger dry, the surface is finished with a damp sponge or felt float to obtain a uniform result.

Filling of recessed joints: Alfix DuraPuds 710 is used for filling of recessed joints up to 10 mm. The render is applied to the substrate with a steel trowel and excess material is scraped off. Earliest the following day, apply a new render layer, which is felted or floated.

Reinforcement with glass fibre mesh: Alfix DuraPuds 710 is used for reinforcement with Alfix Glass Fibre Mesh 4 x 4 mm on substrates where there is a risk of crack formation. The render is applied in a layer thickness of approx. 3 - 4 mm. The reinforcing mesh is pressed into the wet render with a smooth trowel. Earliest the following day, apply a new render layer, which is felted or floated.

Note!
Do not add further water to render that has started to set. Outdoor work with bonding render should only be carried out in dry weather at temperatures between +5°C and +25°C, and not in direct sunlight. If there is a risk of rain or temperatures below +5°C, facades must be covered.
Exterior rendering in winter months is not recommended.
Avoid release to the environment. Must not be discharged into drains or the aquatic environment.
Spillages must be collected mechanically and residues disposed of in accordance with local regulations.

Precautions

CE	Alfix A/S H.C. Ørsteds Vej 11-13 DK-6000 Kolding alfix.com 10	Declaration of performance nr. 11	EN 998-1:2010 Alfix DuraPuds 710 Mineral render CS IV
Fire classification	A2-s1,d0	Thermal conductivity	λ10,dry ≤ 0,83 W/(m-K) for P=50% λ10,dry ≤ 0,93 W/(m-K) for P=90% (tabulated values according to EN 1745)
Water absorption	W2		
Vapour diffusion resistance factor μ	≤ 25		
Adhesion to concrete	≥ 0,08 N/mm²	Durability / frost resistance	NPD

Cleaning
Residues of Alfix DuraPuds 710 on tools, etc. must be removed with water before setting. Cement-based products harden under water, therefore never flush residues into the drainage system.

Refernces
Product information for:
- Accessories for DuraPuds

Safety data sheet

In case of doubt, contact our Technical Service Department. For the latest updated version of this data sheet, visit alfix.com

Technical data

Working temperature	+5°C - +25°C
Density	1.6 kg/littres mixed with water.
Working time	3 - 4 hours at +20°C
Water vapour diffusion	μ-værdi: ≤ 25
Drying time	24 hours at min. +15°C
Compressive strength	> 10 N/mm²
Exposure class	MX 4
Fully loadable	After 7 days at min. +15°C
Storage	Min. 12 months in unopened packaging