

Profikleber 1K

Adhesive for Faceboard decorative profiles



AREAS OF APPLICATION

Mineral bonding mortar for fixing Faceboard façade profiles. Suitable for application to solid substrates and alsecco façade systems based on EPS and mineral-wool insulation materials with an organic and mineral reinforcing layer, with a compressive strength of at least 2.5 N/mm².

PRODUCT PROPERTIES

- Can quickly bear weight
- Very quick bonding strength
- Strong adhesive power
- Water-repellent
- A2-s1, d0 (non-combustible) in accordance with DIN EN 13501-1 when combined with Faceboard POR

TECHNICAL DATA

Binder base	Mineral binding agent according to DIN EN 197-1 and special resin powder
Mortar category	Class CS IV according to DIN EN 998-1
Apparent density of set mortar	approx. 1,5 g/cm ³ according to DIN EN 1015-10
Adhesive pull strength	≥ 0,3 N/mm ² according to DIN EN 1015-12
Water vapour permeability μ	≤ 35 according to DIN EN 1015-19
Water permeability	w ≤ 0,1 kg/(m ² h ^{1/2}) according to ETAG 004
Water absorption	Class W2 (low) according to DIN EN 998-1 and c ≤ 0,2 kg / (m ² min ^{0,5}) according to DIN EN 1015-18

APPLICATION INSTRUCTIONS

Preparation	Remove dust and any residue, which can reduce adhesion, from the decorative profiles; if necessary, adjust length. A miter or miter-box saw is recommended for cutting.
Substrate pre-treatment	All substrates must be sound, even, clean and free from adhesion-reducing

residue.

For external thermal insulation composite systems, apply the profile adhesive to a suitable and dry reinforcement coat.

Check the soundness of concrete and untreated render, and remove any residual release agent and loose particles.

Apply a suitable primer to absorbent substrates.

Mixing

25 kg of material (one sack) in approx. 4,5 - 5,0 l of water

Mix with electric mixer until obtaining a workable, smooth (lump-free) consistency.

After a maturing time of at least 5 minutes, mix again.

Do not mix more material than can be used within one hour.

Application

Draw up an installation plan before starting work.

Apply Profile Adhesive 1C to the dry, sound and even substrate. Use a notched trowel (notch size 8 to 10 mm) to apply Profile Adhesive 1C to the entire substrate and the back of the façade profile (floating-buttering method). The profiles are always fully bonded to the substrate. Float the profile into position exerting only gentle pressure, then press firmly only the substrate; secure to prevent slipping if necessary. The joint surrounding the façade profiles must be sealed with Profile Adhesive 1C. Use a damp brush to smooth over the adhesive joints consisting of Profile Adhesive 1C, making sure that the edges are sealed. Mitred joints and reverses must be fully bonded together.

If profile adhesive has dropped onto the reinforcement coats, those areas must be cleaned with water immediately to avoid impairing the adhesion of mineral top-coat renders.

The upper wall junction joint must be sealed completely with Profile Adhesive 1C during installation. The horizontal connection joint with the substrate must be finished as a concave fillet.

Please note:

The substrate must generally be more even if you are installing thinner or larger-sized façade profiles, as this prevents the profile from breaking and ensures a full bond. We recommend carrying out preliminary tests on site to ensure the reliable installation of the profiles.

Metals, e.g. titanium zinc, may be affected by chemical burns if they come into direct contact with alkaline mortars.

If these are used, please refer to the technical data sheets for the Faceboard products to be installed:

- Faceboard POR Schlusssteine und Konsolen,
- Faceboard POR Rahmen-, Gurt- und Gesimsprofile,
- Faceboard POR Fensterbankprofile,
- Faceboard POR Bossensteine sowie
- Faceboard LG

Consumption

approx. 3,0 - 4,0 kg/m²

Determine the precise material requirements by means of a trial coating on the object.

Information about the weather

Temperatures below + 5 °C may not arise during application and drying.

Do not apply in direct sunlight, during strong winds, in fog or conditions of high humidity. In this context please refer to the information sheet on applying render at high and low temperatures, which is published by Deutscher Stuckgewerbebund (German Federation of Plastering Contractors).

Drying time	approx. 24 hours
	Dependent on temperature and relative humidity.
Cleaning of tools	In a fresh state with water.

STORAGE

Dry, protected against moisture, cool, shelf life in original sealed packaging of at least 1 year.

PACKAGING INFORMATION

Colour	Natural white
Packaging unit	Paper sack approx. 25 kg net

OTHER INFORMATION

Information on safety	The information provided in the current safety data sheet applies.
Transportation	Not a hazardous material
Giscode	ZP1 cement-based products, low in chromate

alsecco GmbH
Kupferstraße 50
D-36208 Wildeck
Phone 03 69 22 / 88-0
Fax 03 69 22 / 88-330
Internet: www.alsecco.de

The above information is based on many years of experience and tests and is provided by us to the best of our knowledge. Such information applies in addition to our application guidelines. However, we cannot accept any responsibility for the correctness of our recommendations on account of wide variety of substrates and of on-site conditions and applications which are outside our control. Any recommendations provided by our employees and deviating from these documents must be given in writing. We reserve right to make any changes on account of technical progress or building regulations. Your technical advisor will be pleased to provide the relevant product data sheets.

