

weber plusclac Glätte

Smooth plaster, indoors

Ready-to-use lime skimcoat for smooth fine-graded surfaces (Q2 – Q4)

Fields of application

weber plusclac Glätte is a ready-to-use and very white lime skimcoat.

It provides a smooth trowel or a float texture as finish and hence perfect surfaces (depending on substrate) ready for decoration with paints or wallpapers on lime plasters **weber pluscalc**, and also lime underlay plasters **weber.cal** and **weber.dur**.

As ready-to-use lime plaster for use on top of the cement- and lime cement based **weber.dur** and the lime-based underlay plasters **weber.cal** as well as within the **Weber** internal insulation system. Also suitable for the renovation of old load-bearing and crack-free plasters.

For use indoors.

Description

weber plusclac Glätte is a factory-mixed and ready-to-use mineral plaster.

Composition

White lime hydrate, graded mineral aggregates, additives for better workability and better adhesion to base coat.

Main features

- natural white
- ready-to-use
- free of preservatives
- free of volatile organic compounds (VOC)
- free of fogging-active substances
- free of titan dioxide
- highly permeable to water vapour
- mould-inhibiting

- good adhesion to base coat (underlay plaster)
- water-repellent
- high yield
- provides fine-graded up to super-smooth surfaces (Q2 – Q4)
- can be easily smoothed or ground
- for use as skimcoat on **weber pluscalc**, **weber.dur** and **weber cal** plasters
- also suitable for renovation of old load-bearing and crack-free plasters
- for use on walls and ceilings
- for use indoors

Technical values

| | |
|---|---------------------------------------|
| Application thickness: | 2 mm - 3 mm |
| Grain sizes: | 0.5 mm and 1.0 mm |
| Coefficient of water absorption (w) (DIN 18 550): | $< 0.5 \text{ kg/m}^2 \cdot \sqrt{h}$ |
| Water vapour diffusion resistance value (μ) (EN 998-1): | ≤ 20 |
| Equivalent air-layer thickness for water vapour permeability (s_d)(EN ISO 7738-2): | $< 0.1 \text{ m}$ |
| Class of capillary water absorption (EN 998-1): | W 2 |
| Class of reaction to fire (EN 13501-1): | A 1 (non-combustible) |

Quality control

weber plusclac Glätte is subject to a regular quality control by self-monitoring.

General notes

- Protect fresh render surfaces from direct sunlight, strong winds or moisture.
- Comply with the national standards and/or guidelines (for ex. DIN 18550); if not issued and if necessary, request technical advice.
- The consumption figures mentioned in this document refer to the minimum layer thickness of the plaster. Due to specific substrates and application variations the consumption might vary. Exact consumption must be determined on a job site mock-up (trial area).
- Adjacent building parts must be separated from the built-in render system.

Special notes

- After drying the plaster colour might vary due to natural deviations of raw materials, render texture as well as application and drying conditions. For the same reasons, the render colour might deviate from the **Weber** dry sample and colour chart. Colour variations cannot be considered as quality loss or as justified claim.
- The covering performance depends on the plaster thickness and colour of the substrate. In case of unpainted surfaces carry out a test (mock-up on trial area).
- If possible, order the whole material for the job site at the same time. Packagings with different batch numbers must be mixed together.

Substrate preparation

- The substrate must be load-bearing, dry and free of dust, and all adhesion-diminishing substances.
- Respect a waiting time of at least 1 day/mm on freshly applied plasters.
- Eventually pre-wet the substrate for achieving a uniform substrate porosity.
- The substrate preparation must be adapted to the specific job site conditions.

Working instructions

- Temperature of air, materials and substrate during application and drying: $\geq +5^{\circ}\text{C}$.
- Do not add any foreign substances during mixing and application.

Mixing

- Mechanical application: the render can be applied with all conventional render machines (with coarse sieve / coarse filter disc.). For full information request technical advice.
- Manual application: stir the bucket content, using a slow-speed electric drill and an appropriate stirrer. During its natural ripening course the product might stiffen; stir again for obtaining a smooth consistency; if necessary, add some clean water to adjust the consistency.

Application

- Spray/apply **weber pluscalc Glätte** onto the prepared substrate (base coat) in a thickness of nearly 0 mm up to 1.5 mm so as to fill all pores; strike off and rule level with a stainless steel smoothing trowel.
- Depending on the required smoothness level apply a second layer coat; strike off with a stainless steel smoothing trowel, rule level or grind.

- Smooth with a fine or coarse sponge float.
- Respect the following recommendations to avoid differences in colour as well as tool marks on the plaster coat and breaks etc. between working sections: only use premium tools, do not use different tools, work "wet-in-wet", do not smooth already stiffened plaster surfaces and work simultaneously at all scaffolding levels to avoid differences in the visual appearance.
- Do not first finish a scaffolding layer and then go down one storey lower before carrying on the rendering works. The plaster must be applied "wet-in-wet" in the transition area at the lower scaffolding level.
- After full drying the surface can be painted or covered with wallpapers.
- Clean mixing equipment and tools with water (fresh product). Hardened material can only be removed mechanically.

Practical information

Colour:
natural white

Application thickness:
approx. 0 - 1.5 mm

Tools:
Render machine or electric drill + stirrer, stainless steel smoothing trowel, fine or coarse sponge float.

Storage:
The product can be stored at least 12 months in its original unopened packaging, if kept dry and frost-free. Frost destroys the product. After thawing it is not allowed to be used.

Consumption / yield

Consumption figures may vary according to substrate:

| | | |
|-------------------------|-------------------------------------|-----------------------------------|
| manual application: | approx. 0.5 - 1.0 kg/m ² | approx. 20 m ² / 18 kg |
| mechanical application: | approx. 1.0 - 2.0 kg/m ² | approx. 12 m ² / 18 kg |

Packagings

| Type | Sales unit | Number / euro-pallet |
|----------------|------------|----------------------|
| Plastic bucket | 18 kg | 24 buckets |

The information in this technical data sheet is based on our current knowledge and experience at the time of printing. However, they do not guarantee in the legal sense.