FASZINATION KALK ...

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Technical Data Sheet

CALCEA® Lime Glaze

High-quality, ready-for-use lime coating for outside and inside based on micronized white lime hydrate

empfohlen* vom recommended* by IUG – Institut für Umwelt und Gesundheit, Fulda (Institut for Environment and Health, Fulda Germany)
Allergiker-freundliches Produkt
Suitable for allergy sufferers
* Empfehlung basiert auf externen Prüfungen • * Recommendation based on external tests

Intended use
Non-filling lime coating for internal and external mineral surfaces, in particular for ecologically-relevant and heritage-preserving objects. Suitable for all absorbent and mineral substrates such as plaster-, Stucco-, natural stone surfaces and old mineral coatings.

Properties
- **suitable for allergy sufferers**
- **easy to process**
- **cloth matt**
- **low tension**
- **highly diffusible**
- **capillary**
- **high adhesion capacity on mineral and absorbent substrates**
- **weather-resistant**
- **acts hindering against algae- and fungal infestation, can also be used for alfresco paint coatings**

Composition of material
White lime hydrate (micronized), mineral fill materials < 10 µm, water, processing-improving additives < 1.0%.

Colour
White. Tones ex works upon inquiry. Self-toning possible with full-tone lime paints as well as lime-resistant dry pigments.
The pigment compatibility must be determined by way of samples.

Safety instructions
The product contains lime hydrate and thus reacts alkaline. Store inaccessible for children. Avoid any contact with eyes and skin. Immediately rinse off any material splashes thoroughly with water. Do not allow to penetrate into the sewage system, waters or soil.

Storage
Keep containers tightly closed and store in cool but frost-free and well-ventilated location. Storage stability: min. 12 months

Disposal
Pass on only completely drained containers to recycling. Liquid material residues may be disposed of as waste of paints on water basis, dried-in material residues as hardened paints or household waste.

Application procedure
To be processed as brushing or spraying application.
Dilute priming and finish coating with a maximum of 20% of water to working consistency.
Clean working tools with water after use.

Further processing
The coated surfaces should be wetted daily several times afterwards for 3 days. A subsequent wetting will accelerate the hardening process and is compulsory for outdoor applications.

Consumption for 2-layer paint structure
Depending on substrate, each layer approx. 0.10 – 0.2 kg/m^2

Note
Do not apply onto varnishes, dispersion paints, wood, plastic materials, water-repellent or permanently moist substrates or substrates with salt efflorescences.

Suitable substrates and their preliminary treatment
The substrates must be free from soiling, separating substances and absorbent and dry. Not below +8°C air- and substrate temperature. Follow VOB (Standard Building Contract Terms), Part C, DIN 18363, Sect. 3.
Mechanically or chemically remove sinter skin of new plastering, if necessary. Clean old mineral coatings in dry or wet condition or remove mechanically. Check substrates for sufficient absorbency. Prepare non-absorbent substrates after check-up with CALCEA® lime bonding- and priming slurries. Use hot steam to clean any infestation of algae, fungi or moss from substrates.
Wet substrates at least 12 hours before. In case of doubt, preferably apply onto dry substrates.

Note
Colour tones may differ depending on the substrate characteristics.

Technical consulting
It is not possible to refer to all substrate types and their paint-technical treatment occurring in the field in this data sheet. If substrates shall be processed, which have not been listed up in this Technical Information, it is necessary to contact our application engineers.