

Technical Data Sheet

CaLoXiL Lime glaze

Properties

CaLoXiL Lime glaze is a special product for the creation of aesthetically wall surfaces and for the protection of stone, mortar and plaster surfaces, for example by the deposition of sacrificial layers. CaLoXiL Lime glaze is a milky, water based suspension on the basis of air lime (white lime hydrate, $\text{Ca}(\text{OH})_2$). It combines the following advantages:

- No sealing of the surface and the pores, the stone remains able to breath.
- Manifold possibilities for the development of individually designed surfaces.
- Formation of sacrificial layers on monuments attacked by aggressive climate conditions.
- Formation of an alkaline milieu as prevention against microbiologic growth (fungi and algae).

CaLoXiL lime glaze guarantees a pleasant room atmosphere. CaLoXiL Lime glaze does not contain any synthetic binders or cement and is free from additional biocides or pesticides.

Application Advices

Surfaces to be treated must be dry, clean, stable as well as free of oil and dust. When necessary CaLoXiL Lime glaze can be diluted with water. The application is possible by brushing or with a sponge. Dry, highly porous surfaces should be pre-wetted between 12 and 24 hours before the application of the lime glaze. CaLoXiL Lime glaze is often applied twice. Always start with the lightest colour. The second coat can be applied only when the first has been dried completely. Mixing with pigments stable under alkaline conditions is possible and allows the creation of nearly all nuances and consistencies needed.

Packaging

CaLoXiL Lime glaze is available in 0.5 L, 1 L, 5 L and 10 Liter containers.

Storage

CaLoSiL Lime glaze has to be stored between +5 °C and +25 °C. In unopened, original containers, storage for at least one year is possible. Protect from frost!

Safety

CaLoXiL Lime glaze is strongly alkaline. Avoid any contact with eyes and skin. Use safety glasses and gloves. Immediately rinse off any splashes thoroughly with water. Do not eat, drink or smoke during the application. Clean the tools with water after every application with water. Keep out of reach of children. Do not allow to penetrate into the sewage system or soils. Keep the containers tightly closed.

Follow the instructions given in our Material Safety Data Sheet!

Before using in large scale we recommend to treat a small test area in order to find out the most favourable application method and the required volumes of CaLoXiL Lime glaze.

The information mentioned above is state of the art and has been developed by intensive research and development. The application of our products and their use is beyond the range of our influence. Therefore, IBZ-Salzchemie GmbH & Co. KG cannot take any liability from events that result from the information contained in this Technical data Sheet.



IBZ-Salzchemie GmbH & Co.KG

Schwarze Kiefern 4 • 09633 Halsbrücke • Tel.: + 49 (0)3731 200155 • Fax: + 49 (0)3731 200156 •
www.ibz-freiberg.de • info@ibz-freiberg.de

