

# IBZ-Salzchemie GmbH & Co.KG

Halsbruecker Str. 34 • 09599 Freiberg • Tel.: +49 3731 200155 • Fax: +49 3731 200156 • www.ibz-freiberg.de

## lime glaze

Lime glaze with nano particles of lime is a special product for the protection of surfaces of stone. The lime glaze combines several advantages:

- surface protection against the influence of weather
- no sealing of the surface and the pores → the stone continued to "breathe"
- penetration of some of the nano particles into the surface → strengthening of the surface of the stone and very good compound of the protection layer to the underground
- formation of an alkaline milieu as prevention against microbiologic growth

The application of the lime glaze is very good especially for sculptures located outdoor. Often such sculptures are exposed vulnerable to the weather from spring to autumn, sometimes also during winter. Such weather influences often show decay at the designed surface.

The application of the lime glaze prevent such problems. The small nano particles penetrate into the surface and strengthen it. Other nano particles form a protective layer at the surface without sealing of the pores. This is a well known problem of some other products.

The lime glaze contains mineral lime that preserves an alkaline milieu. This prevents the growth of microorganism which is a problem of sculptures, walls and parts of buildings that are located most time in the shadow. The mineral character is not a nutrient for the microorganism like other products.

Mixing with pigments is possible and allows the creation of nearly all nuances and consistencies needed.

Before using in large scale we recommend to treat a small test field with CaLoSiL® in order to find out the most favourable application method. Follow the instructions given in our Material Safety Sheets and if there are more questions, do not hesitate to contact us.

The information mentioned above is state of the art. The application of our products and the work using is beyond the range of our influence. Therefore IBZ-Salzchemie GmbH & Co.KG can take no liability from events that result from the information contained in this leaflet.