

# IBZ-Salzchemie GmbH & Co.KG

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## μCa-Sol

μCa-Sol is one of the new products in the CaLoSiL® family. The idea was the development of a product with higher but defined particle sizes. Restorers asked for such a product.

With a new way of production it is possible to get a product that looks a little bit like CaLoSiL® “paste-like” but it has a defined particle size distribution from 1 to 3 μm. The concentration of lime is 120 g/L and it is dispersed in ethanol.

The request for such a product has been based on the problem of very strong weathered undergrounds arising when CaLoSiL® was used. The nano particles often do not adhere at the surface if the pores. When the solvent evaporated, the particles migrate to the surface and form a white layer. In some cases the CaLoSiL® runs through the stone and builds a white layer at the bottom. In both cases there were no strengthening effect.

With particle size range 1 – 3 μm there is a better adhesion to the pores.

An other application of μCa-Sol is the same as with CaLoSiL® “paste-like”. It could be used for gluing of detachments.

There is also the possibility to mix it with marble powder to make it thicker or to dilute it with CaLoSiL® and have an higher amount of nano particles.

Before using in large scale we recommend to treat a small test field with μCa-Sol 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.