

IBZ-Salzchemie GmbH & Co.KG

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DiLoCarB **Carbonation consumable**

Natural setting of lime mortar and plaster bases on the reaction with atmospheric carbon dioxide. This needs weeks, sometimes years. During this time lime mortars don't reach their highest strength.

In dry conditions carbonation does not take place.

DiLoCarB helps the natural setting go on faster and under controlled conditions. The water as one of the included materials of DiLoCarB converts the calcium hydroxide, carbonate ions were released and form calcium carbonate immediately.

Carbonation with DiLoCarB is also possible at places that could not reached by air and natural carbonation is nearly impossible.

Application of DiLoCarB is very useful in combination with CaLoSiL®. In a first step CaLoSiL® is applied. After evaporation of the solvent DiLoCarB can be applied. Very fine calcium carbonate is formed.

DiLoCarB includes also ethanol what guaranteed a very good penetration behaviour. Deeper zones could be reached.

The time for reaction is between 30 and 240 minutes. During this time the evaporation of the solvent should be controlled. If it is possible the area should be covered with wet cloths.

Before usage the following criteria should be tested because they influence the reaction:

- material humidity, salt content, depth of decay
- reactivity of the calcium carbonate
- humidity of air
- suction, capillary water uptake and porosity of the stone or mortar

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.