



## CaLoXiL® Injection grout waterfree



### Properties

CaLoXiL® Injection grout bases on fine calcium carbonate fillers in combination with CaloSiL® paste like, which acts as binder. All components in the CaLoXiL® Injection grout are characterised by particle sizes smaller than 4 µm. The injection grout has free flowing properties and is able to fill small voids and fissures. The injection grout is characterised by good stability in combination with high flowability. After hardening, porous masses are formed with high capillarity. All masses are hydrophilic and are able to act as capillary-active material. Another important property is the good adhesion to historic mortar components. The injection grouts are able to adhere single mortar pieces. Pre-treatment with CaLoSiL® E25 or other CaLoSiL® types enhances the adhesion of the formed mass to surrounding surfaces and results in an additional structural consolidation. Typical properties are:

- 36 % porosity
- 4,3 N/mm<sup>2</sup> compressive strength after 30 days
- 1,1 N/mm<sup>2</sup> bending strength
- 23 wt.-% water uptake
- 0,4 % shrinkage

### Packaging

CaLoXiL® Injection grout is available in 100 mL, 500 mL and 1 Liter containers.

### Storage

The injection grout has to be stored between +5 °C and +30 °C in a tightly closed container. When CaLoXiL® Injection grout remains in unopened, original containers, storage for one year is possible. When necessary stir the suspension until a homogenous mass is formed.

### Safety

CaLoXiL® Injection grout is strongly alkaline, the vapour is flammable/combustible. Keep away from oxidisers, heat, sparks and flames. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Do not smoke. Keep containers closed. Wash thoroughly after handling. Keep away from sources of ignition. Further information concerning safety during transport, storage and handling as well as for disposal can be found in our latest Material Safety Data Sheet.

Before using in large scale we recommend to treat a small test field in order to find out the most favourable application method and the required volumes of CaLoXiL® Injection grout.

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 leaflet. Careful and considered use of CaLoXiL® Injection grout is highly recommended.

