

CB INJECTION GEL

CONCENTRATED EMULSION GEL BASED ON A MIXTURE OF SILANE-SILOXANE FOR EFFECTIVE TREATMENT OF WALLS AGAINST RISING MOISTURE.

APPLICATIONS

CB Injection Gel is used for the drying of walls and for treatments against rising moist for both hollow and full stones. This injection gel is distinguished by its special spreading characteristics, in which the water present in the wall, is used as a means for optimum diffusion. After the treatment, effective active substances (concentrate: 80%) form an impenetrable barrier layer.

PRODUCT DESCRIPTION

CB Injection Gel is a balanced mixture of various active ingredients that start thickening in the production process, by means of a typical emulsion mixing technique and form a gel-like final preparation. The mixture consists mainly of silanes and siloxanes, prepolymers of silicones, which, as active ingredients, are considered to be the most effective in the various possible treatment methods against rising moisture.

CB Injection Gel is environmentally and human friendly and completely free of solvents.

CHARACTERISTICS

COLOUR	: White
ACTIVE INGREDIENTS	: 80%
TYPE OF RAW MATERIALS	: Silane – Siloxane mixture
TYPE OF MIXTURE	: Thixotropic gel

APPLICATION MANUAL

PREPARATION

When treating walls with **CB Injection Gel**, the skirting boards and wet plaster are removed. At 5 to 10 cm above the highest floor level, holes of 12 mm are drilled along the inside or outside of the wall, with 6 cm of space between each hole. Always treat angles in impeller system.

WALL THICKNESS	DRILLING DEPTH
10 cm	7 cm
20 cm	17 cm
30 cm	27 cm
40 cm	37 cm
50 cm	47 cm

With brickwork, concrete blocks and silicate stone, the holes are drilled in the bricks on one straight line that is closest to the floor. In the case of hollow masonry (fast construction, proton, concrete block, ...) the holes are drilled right above the horizontal mortar layer closest to the floor. In natural stone masonry, the holes are drilled, both inside and outside, following the line of the mortar layer that is closest to the floor.

Working method

CB Injection Gel is injected with an injection pump.

- Full walls: drilling along one side and injecting with a single treatment
- Cavity walls: two treatments: first treat the inner wall and then the outer wall.

Insert the syringe into the drill hole and fill with **CB Injection Gel** while slowly pulling the needle back. After filling the boreholes you can seal the holes with *CB Dichtmortel* or *CB5 Quick-setting Cement*.

Note

It is advisable to check the wall to be injected for the presence of harmful salts such as nitrates, sulphates, chlorides, ... before the injection so that an adequate saline treatment can be carried out after the injection against rising damp.

In the presence of salts, the walls can be effectively treated with our *CB Dichtmortel* according to the working method described in the technical data sheets of these products.

DRYING

The total dry up of the wall can take 6 to 12 months. This drying time is depending on the nature and thickness of the wall and its original moisture content.

- ⇒ Occupation of a salt barrier with CB Sealing Mortar can occur immediately after the carrying out the injection.
- ⇒ Re-plastering can be done 48 hours after the treatment.

CLEANING

Equipment can be cleaned with warm water.

When you spill CB Injection Gel, remove the product with warm water.

MATERIAL CONSUMPTION

± 150 ml/ per linear meter / 10 cm of wall thickness

Hollow walls: twice the amount as instructed above

PACKAGING

Sausages of 600 ml

Buckets of 5 liters

TRANSPORT AND STORAGE

Frost-free transport and storage .

Protect the product and its packaging from direct sunlight.

Avoid storage at temperatures below 5°C and above >25°C.

SHELF - LIFE

Store in a cool & dry (min 5°C)
Protect against frost
Maximum 8 months after date of manufacture.

SAFETY INFORMATION - TRANSPORT - HANDLING AND STORAGE - WASTE

The information in this technical sheet is based on our experiences and research. However, the information is provided without any guarantee - directly implied - as to its correctness. The conditions or methods of handling, storage, use of the product are beyond our control and control and may also include the following are beyond our knowledge. For these and other reasons, we accept no liability for damage or nuisance of any kind, which would be caused by the use of the product in question.

Afterword

The information contained in this Trademark Sheet, the application advice and other recommendations are based on extensive research and experience. However, they also cover liability of third parties without obligation. They do not indemnify the customers, the products and the check that the instructions for use are suitable for the purpose in question. The indicated characteristics and properties relate to mean values and analyses obtained at 20 °C, abnormalities are tolerated.