

NEOSIL INJECTION

Damp-proofing and silica treatment of walls to combat rising damp



General Characteristics

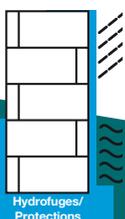
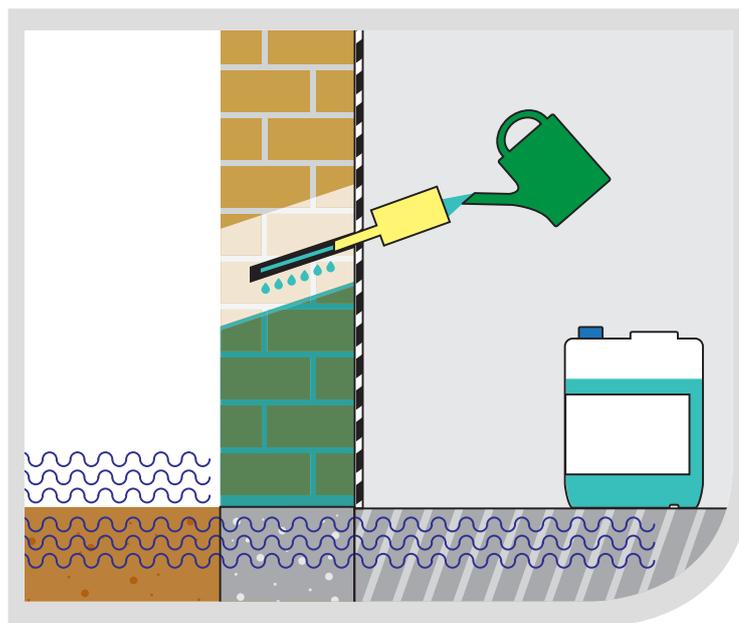
Néosil Injection is a sealing and silicification fluid which treats **rising damp**.

By impregnating walls, it makes new builds watertight and, more in particular, helps to dry out the foundations of older buildings.

Fields of application

If a wall lacks horizontal protection against rising damp, a damp guard can be created by impregnating a section of the wall. This is usually done by drilling holes and then working either without pressure or using a suitable pressurised injection device.

For horizontal and vertical impregnations by capillary absorption of **Neosil injection** in new structures, or for the treatment of old structures, e.g. cellars, purification stations, tanks, tunnels, manholes, canals, silos, wells, swimming pools, concrete roofs, etc.



CLOQUETTE
Grouting Products

Features

The **NEOSIL INJECTION** system is slow in revealing its effects as:

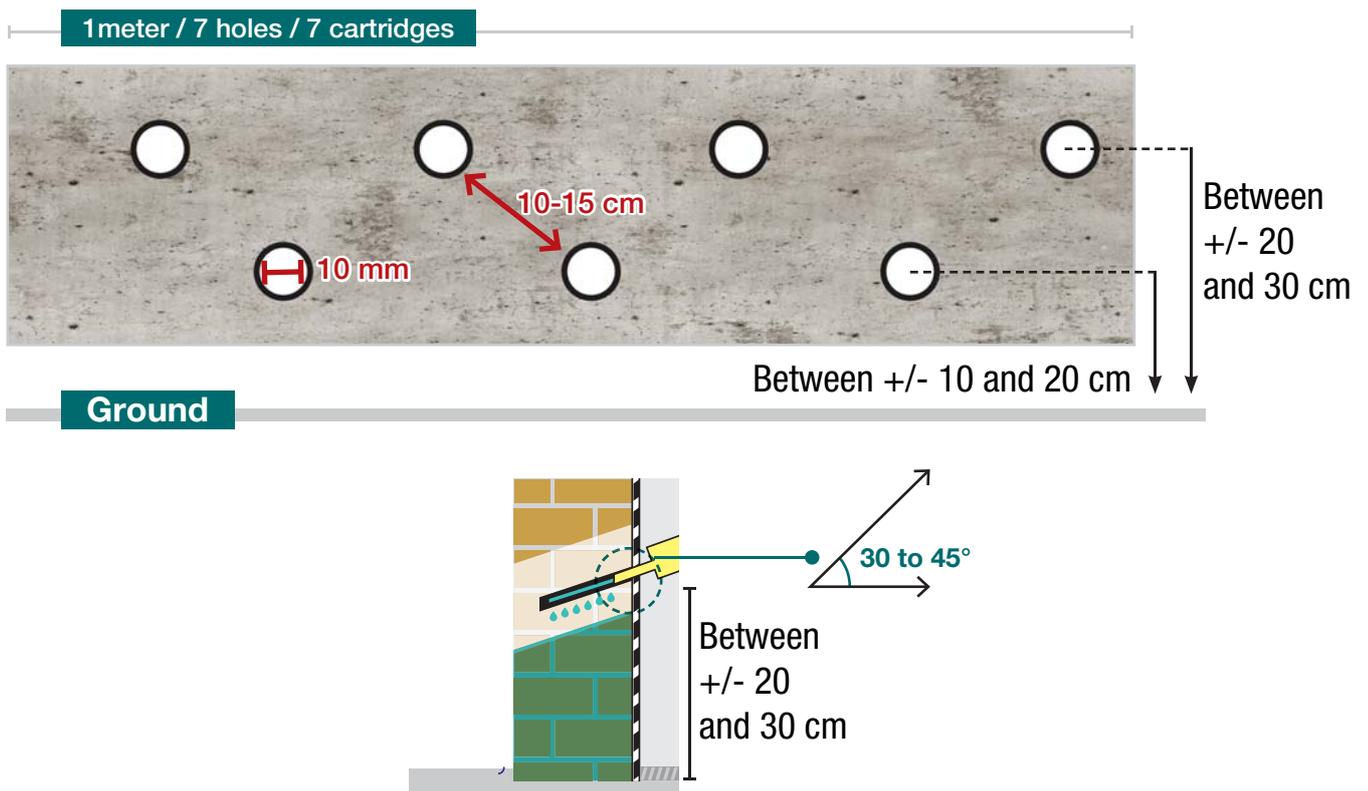
- The injected area is damp.
- The injected product is water-based.
- The environment (basement) is often poorly ventilated.

This system, which has proven its merits over several decades, therefore requires a longer timescale for action; **long spanning several months**, or even a year, if aeration cannot be achieved or forced.

Implementation

Make drill holes and remove the dust:

- Drill hole diameter : 10 to 20 mm
- Angle: approx. 30 to 45°
- Spacing : 10 to 20 cm in quincunx pattern.
- Depth: jusqu' à 80 % de profondeur du mur.



Introduce water into dust-free drill holes and allow it to soak in overnight.

- Pour **NEOSIL INJECTION** into the drill holes, or inject under pressure, until the masonry cannot absorb any more of the product.
- When working without pressure, the saturation process may take several days.
- When you have finished impregnating the wall section, leave the drill holes open for around another week, to allow the carbon dioxide in the air to accelerate the chemical reaction.
- Then fill in the drill holes with a suitable cement mortar such as **MULTICRET DS2000**.

If there are cavities inside the wall which are detected either during drilling or when filling the holes (the product drains away very quickly).

These should be filled by pouring:

- du **GROUTEX BINDER** (coulis d'injection prêt a l'emploi),
- in a wash of cement
- hydraulic lime until saturation.

After this has hardened, the holes should be redrilled for the injection of **NEOSIL INJECTION**.



Consumption

At a rate of 6 - 7 holes per linear metre, a single filling will involve a consumption of approximately 2.5 to 3 kg.

For double filling, which is the most common practice, the consumption rate is 5 to 7 kg per linear metre.



Important / Safety precautions

- **Mandatory protection** of windows, tiling, wood panelling, parquets and other “sensitive” surfaces. The product leaves whitish patches when it dries. Careful isolation of the areas to be treated is particularly recommended.
- Remove vehicles and other items subject to harm.
- Carry out test runs to determine the effectiveness.
- These instructions are intended for professionals, who have already mastered basic construction skills, both in terms of its use and protection of people and property.
- This process should be carried out from outside where possible, in order to avoid all the precautions required when inside.

Packaging

5, 10 and 25 litre cans. Other types of packaging are available upon request.



Storage

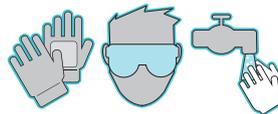
NEOSIL INJECTION is not damaged by freezing. After thawing, shake well before use.

Other types

Against surface moisture, use **NEOSIL SP1**, **NEOSIL SP2** or **MULTICRET DS 2000** depending on the case. Please contact us for more information.

Please feel free to send us photos in order to help us deal with your request.

Health and safety advice



- As this is an alkaline product, protect eyes and hands against irritation caused by direct contact.
- Wash hands with clean water.
- NEOSIL INJECTION is alkaline, and has a caustic effect on sensitive skin. Protective gloves and goggles should always be worn during use.
- R35 - S26 - S27 - S36 - S37/39

This technical notice is the result of research and lengthy experience. Nevertheless, it does not constitute a base for liability, as success is only guaranteed if all of the particularities of each case are considered. We recommend that you carry out test runs in order to determine whether the product is suited for the envisaged application. All of our orders are accepted subject to our applicable general terms and conditions of sale and delivery. UPDATE 01/2015