

CEMproof® CEMswell “Inject”

CEMswell “Inject” combines CEMswell Swelling Rubber and CEM 11/PREDIMAX 11 Injection Hose

Product for economical sealing of construction joints in watertight concrete structures

Product

Sealing with swelling rubber and injection hose consists of the products CEMswell swelling rubber and CEM 11/PREDIMAX 11 injection hose. Both together they result in the unique double sealing of construction joints (swelling and injecting).

The injection tube ensures the injection material to be squeezed out at any time.

CEMswell “Inject”

The profile is used for sealing construction joints which are permanently or occasionally exposed to groundwater, slope water and/or surface water. The structurally necessary construction joints can be sealed tight to water pressure.



Product Characteristics

CEMswell “inject” can be applied quite easily with any injection material.

- Can be used for simple injection with CEM 11 by using PU-resins, EP-resins, etc.
- Can be used for multiple- and cement injections with PREDIMAX 11 by using acrylate-gel or PU-gel.
- Injection hose with ongoing control-numbers
- Rain protected for 10 hours permanent rain
- Swelling capacity of minimum 400 %
- **Dual safety! Swelling and Injecting!**

Advantages

- Swelling and injecting
- Sturdy when being incorporated under building-site conditions with fastening system included
- Easy handling; simple time-saving fitting.
- Injection only if necessary!

- Material to be injected leaves the hose system embedded in concrete, even under reasonable pressure, that is to say material is reliably coming out to all sides (opening injection-pressure min. 0.5 bar).
- The smooth surface avoids unwanted bonding between injection hose and concrete, therefore the CEMswell “inject” is easy to inject. Even after years an injection is still possible as the smooth surface does not allow any sinter deposits or obstructions in the system.
- Very favorable balance of price and performance.

Installation

Installation can either be with:

- CEMstar adhesive or CEM 805 adhesive
- Nails or clamps

A minimum of 8 cm concrete cover is required.

Technical Data

Material	PVC
Inside diameter	6 mm
Outside diameter	11 mm
Profile length	8 m
Outlet openings	3-5 mm
Arrangement of holes in hose	every 12 mm to 14 mm per 10 cm 28 openings
Weight	0,360 kg/m

Injection Material

PU-resin (Crack Seal), PU foam resin (SealStop F + additive), EP-resin, acrylate (without corrosive behaviour).

Form of Delivery / Storage

Roll of 8 m, box of 5 rolls = 40 m, pallet of 1.440 m

Colour: Blue/green: hoses / Grey: CEMswell

Shelf life: 3 years when stored protected against frost and permanent sunshine. Dry storage!