

SEALINJECT 3

Properties:

SEALINJECT 3 is a sealing system based on sodium silicate solution and an organic hardener. The product is mainly used as a „soft gel“ for temporary sealing of excavations in special civil engineering.

SEALINJECT 3 and **SEALINJECT 3** hardener are free of aluminates. Pot-life and pH value of **SEALINJECT 3** can be adjusted by using of different quantities of **SEALINJECT 3** hardener (see diagram). Therefore pH values below 10.5 can be achieved.

Technical data:

Substance data of components:

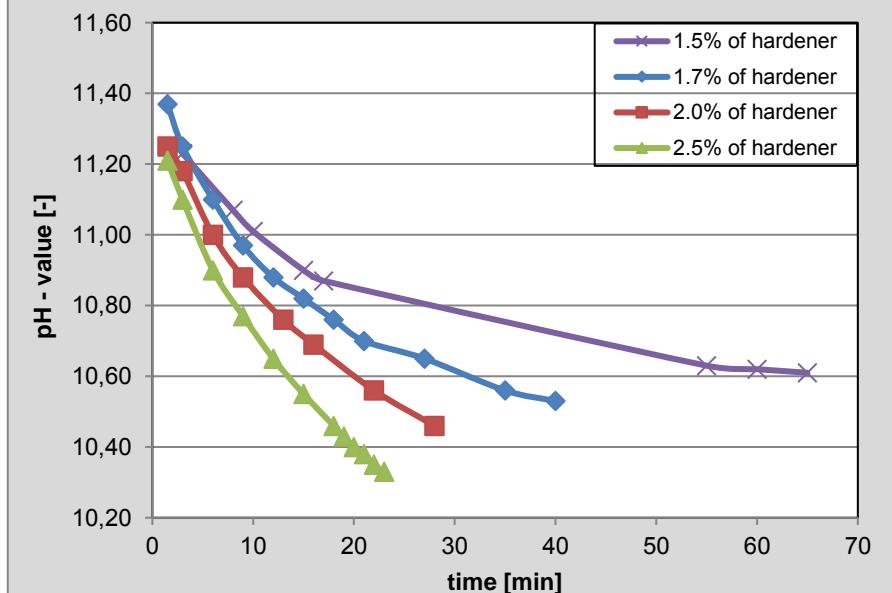
SEALINJECT 3

Consistency	liquid	
Colour	colourless	
Odour	odourless	
Spec. density (20°C)	approx 1.37 g/cm ³	DIN EN ISO 2811-1
Dyn. viscosity (20°C)	approx. 150 mPas	DIN EN ISO 3219

SEALINJECT 3 hardener

Consistency	liquid	
Colour	colourless	
Odour	characteristic	
Spec. density (25°C)	approx. 1.20 g/cm ³	DIN EN ISO 2811-1
Dyn. viscosity (25°F)	approx. 2.5 mPas	DIN EN ISO 3219

Change of pH-value Sealinjekt 3 + Härter



Processing:

The recommended dosage of *SEALINJECT 3* is approx. 15 % of total mixture. The quantity of *SEALINJECT 3* hardener should be minimum 1.5 % of total mixture as shown in the diagram. Higher quantities results in lower pH values and pot-lives. Before processing both components are mixed homogenously by means of a static mixer. Injection equipment and tools can be cleaned with brush and water.

Safety information:

SEALINJECT 3 and *SEALINJECT 3* hardener are classified as hazardous according to Regulation (EC) 1272/2008 (CLP).

It is therefore necessary, before beginning processing, to become familiar with the precautions and safety advice as indicated in the material safety data sheet.

Packaging:

SEALINJECT 3 1350 kg IBC

SEALINJECT 3 hardener 1150 kg IBC

Storage:

Shelf life at least 12 month in original packaging when stored in dry conditions between 15-25°C, protected from heat, frost and direct sunlight.

After the expiration the use of the product is generally not recommended, unless an approval has been provided by TPH. This approval can only be obtained by the quality assurance department of TPH releasing the material after verification of main properties being within specification.

Disposal:

Small quantities of cured product residues can be disposed of as normal domestic waste. Dispose of not cured product components must be effected in accordance with the corresponding local regulations. For further information please refer to the material safety data sheets.

Legal notice:

The correct and thus successful application of our products is not subject to our control. A guarantee can be issued for the quality of our products within the framework of our sales and supply conditions, however not for successful processing. All data and specifications in this specification sheet are based on the present state of the art and the right to changes and adaptations for the sake of development remains explicitly reserved. The consumption specifications designated by us can be only average empirical values, where deviations are possible on an individual basis and therefore cannot be excluded by us.

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