

Maleki-SA 200

Silicate activator

Item-No.: 1808

Innovative silicate-based activator for use in the Maleki-SlagSil system. For factory-set optimization of concrete formulations.



Technical data

Basis	Inorganic	Density	1.1 g/cm ³
pH-value	11.4	Color	transparent
Processing temperature	min. +5 °C max. +55 °C	Viscosity	< 100 mPas
Maximum admitted air humidity	max. 80 % r.H.		

Properties

- Silicate-Technology
- environmentally friendly
- very low emission EMICODE EC 1^{PLUS}
- activation of latent hydraulic and pozzolanic binders
- permanent salt-water resistance
- faster stackability of produced concrete products
- higher resistance to freeze thaw cycles and de-icing salt
- protection against efflorescence
- odorless

Range of usage in concrete

- Effective reduction of Portland Cement
- Retention of early strength
- Increase of final strength
- For factory-set optimisation of concrete products and components
- Formation of permanent structures

Product systems

- Maleki-SlagSil

Application – Factory-set optimisation of concrete formulations

For factory-set optimisation of paving stones, concrete slabs or concrete components Maleki-SA 200 can be used directly in production. Extensive finishing work on the finished concrete is therefore not necessary.

To ensure the optimal and safe distribution of the silicate active ingredients, the product is added to the mixing water. The required quantity of Maleki-SA 200 must be determined by testing the relevant concrete mix design. This is carried out in close consultation with our development department. Further information on this subject can be found on the SlagSil system page and in the SlagSil brochure available at www.malekigmbh.com.

Tools and cleaning

All equipment and mixing devices should be washed clean after use.

Packaging and shelf-life

5 or 30 liter canisters. Container available on request. Original packing is storable for 24 months in dry and controlled temperate areas (not below 0 °C, recommended 10 – 25 °C). Reseal opened containers immediately and use within a very short time.

Safety notes

Maleki-SA 200 is an alkaline liquid. Please refer to the Material Safety Data Sheet which can be requested on www.malekigmbh.com for further information on safety during transportation, storage, handling and disposal. Follow instructions on the packaging.

Relevant regulations and fact sheets

When applying Maleki-SA 200 the following regulations and fact sheets must generally be observed, depending on the intended application:

Maleki-SlagSil brochure

Notes

Maleki-SA 200 must be added to the mixing water before starting the mixing process. It cannot be added directly to the powder mixture.

The content of this technical data sheet corresponds to the latest development and our applications experience. All information is based on ideal conditions and therefore does not apply for every application purpose. Due to different materials, substrates and different actual site conditions no warranty is given for the customer's application. In particular, we assume no liability based on this information or any verbal statements. The only exception is when we can be blamed for the case of intent or gross negligence. In that case the customer has to prove that he has transmitted all required information completely and in a timely manner for a proper and promising evaluation by Maleki GmbH. Any further details regarding the application of our products have to be confirmed in writing by Maleki GmbH. The customer must test the product's suitability for the intended application and purpose.

Technical data sheet

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We reserve the right to change the product specifications due to the ongoing development. Apart from that our general terms and conditions are valid. This data sheet supersedes all earlier technical data on this product. The technical data sheet can be requested on www.malekigmbh.com.