

1. Product Description

StenMix® QUICK is a setting accelerator liquid admixture used in concrete, plaster and cementitious injection works where quick setting and early strength are required. **StenMix® QUICK** conforms to requirements of EN 934-2 Table 6 (Setting Accelerator Admixtures Standard) and ASTM C 494 Type C (Setting Accelerator Concrete Admixture Standard).

2. Uses

StenMix® QUICK can be used in all concrete, mortar and injection work to be performed in cold weather conditions and in all situations where rapid setting of concrete is required. It is also suitable for use in precast element production. **StenMix® QUICK** enables quick setting and an increase in strength values in the first 24 hours.

There is no reduction in final concrete strength values. It is compatible with plasticizer admixtures such as lignin, naphthalene and melamine sulfonate. **StenMix® QUICK** does not contain chlorides or similar corrosive ingredients.

Therefore, it does not cause corrosion of steel reinforcements and is safe to use with reinforced concrete. When **StenMix® QUICK** is added to concrete, its accelerating effect may vary depending on the type and dosage of cement, the temperature and humidity of the application environment, the consistency of the concrete, and the dosage and type of plasticizer.

3. Application

StenMix® QUICK should not be added directly to dry cement, but should be added to the mixture along with the mixing water during concrete preparation. In cold weather applications, the heat energy provided to the concrete/mortar by the admixture must be properly preserved. Otherwise, the desired effect in the concrete may not be achieved.

The recommended dosage for **StenMix® QUICK** is 1 to 5 percent by weight of cement. Since it will vary depending on the type of cement used, it is recommended to conduct preliminary tests before use.

4. Safety

Applicators and supervisors must read the Material Safety Data Sheet (SDS) carefully and follow the instructions provided. Emptied packages must be handled in compliance with relevant regulations and laws. The application must be carried out by skilled workers under supervision of experts and the applicators must use all kinds of protective equipment required for the worksite and the task such as goggles, mask and gloves.

5. Storage

The material must be kept in dry indoor storage. Protect the product from freezing. Shelf life is 1 year without opening the package.

Setting Accelerator Concrete Admixture

Highlights

- Setting accelerator liquid concrete admixture
- Provides rapid setting and early strength in concrete, mortar and cement injection work
- Used to increase concrete setting rate in cold weather conditions
- Can be used in precast element production
- Does not reduce concrete's final strength and increases strength values in the first 24 hours
- Compatible with lignin, naphthalene, melamine sulfonate and polymeric plasticizers



Products must be stored at 0 °C to +35 °C in closed conditions and protected from direct sunlight. Low temperatures may cause crystallization of the product; in this case, the product can be used after heating and homogenizing at +20 °C. The product must be stirred thoroughly before use after prolonged storage.

6. Disclaimer

This document is provided for general information and reflects **Stenkim®**'s laboratory data and field experience at the time of publication. **Stenkim®** reserves the right to revise this information at any time without notice.

Stenkim® warrants that its products conform to the stated specifications on delivery. The buyer is responsible for determining the product's suitability for the intended application and for all conditions of transport, storage, handling, and use. **Stenkim®** accepts no liability for results obtained under conditions outside its control. **Stenkim®**'s liability under this warranty is limited to replacement of non-conforming product and excludes any consequential or indirect damages.

7. Technical Data

Property	Method	Result
Appearance - Color		Brown Liquid
Chemical Composition		Mixture of alkanolamines and inorganic salts
Density	EN ISO 2811-2	1.37 ± 0.02 g/cm ³
pH	ISO 4316	7 ± 1
Chloride	EN 480-10	≤0.1 %
Alkali Content	EN 480-12	≤10 %
Shelf Life		1 year
Packaging		200 kg drums or 1,000 kg IBCs

Stenkim® reserves the right to make changes to the values in this table at any time.

