



MC-FastKick 111

Hardening accelerating admixture

Product Properties

- Accelerates the hardening of concrete and mortar
- Conform to the functional group superplasticizers according to EN 934
- Free of chlorides
- Liquid
- Plasticizing/water reducing effect

Areas of Application

- Pre-cast industry
- Enhances early strength
- To shorten production cycles
- Early high strength ready-mix concrete
- Concreting in winter period

Application Notes

MC-FastKick 111 is allowed in Germany to be used in reinforced concrete according to DIN EN 206-1 in combination with DIN 1045-2, but not allowed to be used in pre-stressed concrete.

According to the European standard EN 934-2 the use of certain substances has to be declared. MC-FastKick 111 contain the following components from EN 934-1:2008 Annex A.2: Formate.

With MC-FastKick 111 a faster hardening of the concrete is achieved. There is no influence on the workability of the concrete. The retardation of hardening at low temperatures is compensated.

The accelerating effect depends on the reactivity of the cements in use and the water/cement ratio.

During initial type testing the dosage has to be evaluated to achieve the necessary early strength and the other required properties.

MC-FastKick 111 can be used in combination with other MC admixtures. But in individual cases please ask for our advisory service for concrete technologies.

If used in combination with a plasticizing admixture this admixture should not be based on naphthalene and melamine sulfonates.

MC-FastKick 111 is added to the concrete during mixing. It is most effective when added after the addition water. The mixing time should be long enough to allow the admixture to unfold its effect. It is advised to use a mixing time of at least one minute. In case of dosage on building site in vehicles of ready-mixed concrete, please follow the corresponding set of rules.

Please note the „General Information on the Use of Concrete Admixtures“.



Technical Data for MC-FastKick 111

Characteristic	Unit	Value	Comments
Density	kg/dm ³	approx. 1.07	
Recommended Dosage	g	2 - 50	per kg of cement
Max. Chloride Content	%	< 0.10	per weight
Max. Alkali Content	%	< 4.0	per weight

Product Characteristics for MC-FastKick 111

Type of Admixture	hardening accelerating admixture EN 934-2: T 7 (superplasticizer EN 934-2: T3.1/3.2 plasticizer EN 934-2: T2
Name of Admixture	MC-FastKick 111
Colour	white
Consistency	liquid
Internal Production Supervision	in accordance with DIN EN ISO 9001 / DIN EN 934-2/6
Certificate of Conformity	0754-CPR
Notified Authority	MPA, Karlsruhe
Colour Code	green
Form of Delivery	30 kg cans 200 kg barrels 1.000 kg containers



Note: The information on this data sheet is based on our experiences and correct to the best of our knowledge. It is, however, not binding. It has to be adjusted to the individual structure, application purpose and especially to local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. This provided we are liable for the correctness of this data within the scope of our terms and conditions of sale-delivery-and-service. Recommendations of our employees which differ from the data contained in our information sheets are only binding if given in written form. The accepted engineering rules must be observed at all times.

Edition 07/18. Some technical changes have been made to this print medium. Older editions are invalid and may not be used anymore. If a technically revised new edition is issued, this edition becomes invalid.