



MC-PowerFlow 2695

High-Performance Superplasticizer of the new MC-Generation

Product Properties

- Minimal adhesiveness
- High-quality concrete surfaces
- Short mixing-time
- Above average water-saving
- Economic dosage
- Long slump retention
- High initial strength
- Free of corrosion promoting components

Areas of Application

- Ready-mixed concrete
- Pre-cast elements
- Fair-faced concrete
- Concrete with high flowability
- High-performance concrete
 - High-strength concrete
 - Self-compacting concrete (SCC)
 - Concrete with high resistance against aggressive agents

Application Notes

MC-PowerFlow 2695 is a superplasticizer based on the newest MC-Polycarboxylatether-technology. A strong plastification results from a high adsorption rate.

Despite a well sustained consistence a special reaction mechanism enhances the development of high initial strength. Therefore MC-Powerflow 2695 is suitable for the pre-cast concrete production and the ready-mixed- concrete production as well.

MC-PowerFlow 2695 is added to the concrete during mixing. It is most effective when added after the addition water. It is also possible to dose it with the added water.

The specific functioning-mechanism allows to produce concrete with extremely low water contents and high-performance concrete with excellent processing properties at economic dosages. The mixing-time is reduced noticeable.

With an unchanged water content the consistency can be increased by several consistency classes.

MC-PowerFlow 2695 allows to produce high-tech concrete without increasing the adhesiveness. So the placing is easier and faster.

The special combination of the active agent permits to produce homogenous concrete without segregation. Thereby MC-PowerFlow 2695 can achieve high quality fair-faced concrete.

MC-PowerFlow 2695 can be used in combination with other MC admixtures. In individual cases please contact our concrete technology department for advice.

Please note the "General Information on the Use of Concrete Admixtures".



Technical Data for MC-PowerFlow 2695

Characteristic	Unit	Value	Comments
Density	kg/dm ³	approx. 1,06	+/- 0,02 kg/dm ³
Recommended Dosage	g	2 - 50	per kg of cement
Max. chloride content	% per weight	< 0,10	
Max. alkali content	% per weight	< 2,0	

Product characteristics for MC-PowerFlow 2695

Type of Admixture	Superplasticizer EN 934-2:T 3.1/3.2 (Concrete plasticizer EN 934-2: T 2)
Name of Admixture	MC-PowerFlow 2695
Colour	Yellow/brown
Consistency	Liquid
Certificate of conformity of the factory production control	0754-CPR
Notified Authority	MPA, Karlsruhe
Internal Production Supervision in accordance with DIN EN ISO 9001 / DIN EN 934-2/6	
Colour Code	grey / yellow
Form of Delivery	200 kg barrels Containers

Property specifications are based on laboratory tests and may vary in practical application. To determine the individual technical suitability, preliminary suitability tests should be carried out under the application conditions.

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 02/16. 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.