MC-PowerFlow evo 302

newest generation of MC-superplasticizers for highest requirements in precast concrete production

BE SURE. BUILD SURE.

PRODUCT PROPERTIES

- Very efficient plastification
- Very high water reduction
- Sufficient workability time
- Optimized rheology of concrete
- Reduced viscosity / stickiness
- Good stability and robustness of the concrete
- Excellent compactibility

- Fast strength development
- Economic dosage
- Free of corrosion promoting components

AREAS OF APPLICATION

- Precast concrete
- Fair-faced concrete
- Concrete with high flowability
- Self-compacting concrete (SCC)
- Concrete with high resistance against aggressive media
- High strength concrete
- Optimized energy demand in production and placing

APPLICATION ADVICE

MC-PowerFlow evo 302 is the result of the ongoing development and innovation of the PCE-technology of MC-Bauchemie.
MC-PowerFlow evo 302 significantly supports improved rheological properties of concrete. The reduced stickiness leads to a very good pumpability and workability, even under difficult conditions like high temperatures etc. The enengy consumption for the production and processing of the concrete can be optimized.

The special reaction mechanism enhances the development of high early strength. Therefore, MC- Power-Flow evo 302 is particularly suitable for the pre-cast concrete production.

MC-PowerFlow evo 302 provides stable concrete over a large consistency-range.

The implementation of clinker-optimized binders as well as materials with minor properties is supported.

MC-PowerFlow evo 302 is added to the concrete during mixing. It is most effective when added after the addition water.

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

MC-Bauchemie Müller GmbH & Co. KG
Am Kruppwald 1-8 · 46328 Bottrop
Tel. +49 (0) 2041-101 0 · Fax: +49 (0) 2041-101 0
info@mc-bauchemie.de · www.mc-bauchemie.de

TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Density	kg/dm³	1.05	± 0.02 kg/dm³
Recommended dosage range	g	2 - 50	per kg cement
Chloride content (maximum)	%	< 0.1	mass fraction
Alkaline content (maximum)	%	< 1	mass fraction

Type of admixture	plasticiser per EN 934-2: T3.1/3.2, Concrete plasticisers EN 934-2: T 2
Designation of admixture	MC-PowerFlow evo 302
colour shade	bright yellow
form	liquid
Notified body	MPA, Karlsruhe
In-company production control	DIN EN ISO 9001 / DIN EN 934-6
Certificate of conformity of in-company production control	0754-CPR
Colour code of label	yellow/grey
delivery form	200 kg drum 1,000 kg container

MC-Bauchemie Müller GmbH & Co. KG
Am Kruppwald 1-8 · 46328 Bottrop
Tel. +49 (0) 2041-101 0 · Fax: +49 (0) 2041-101 0
info@mc-bauchemie.de · www.mc-bauchemie.de