



MC-PowerFlow: Benefits and advantages

- Advice and on-site support
- Advice on best design and mix
- Advice on production
- Documentation and backup

For improved concrete performance with MC-PowerFlow, MC offers a complete service and advice from specification of design and mix to on-site production. That is how MC ensures that you can benefit from the cost effective production of ready-mixed concrete.

Superplasticizers for the precast concrete industry

MC-PowerFlow



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Ideas and visions change the world

Innovation has a long tradition

Innovative solutions are not a modern day invention. Whether it was for the mathematical calculation of structural problems or the design and use of construction concrete, many visionaries, such as Leonardo da Vinci, have consistently developed new architectural, building and structural solutions that were well ahead of their time and shaped the future.

The limits to what is technically possible have therefore been extended continuously. They have influenced different historic architectural styles and different cultures. The desire to create and to innovate has been the foundation of many such developments – and also reflects the culture of innovation and strength of MC-Bauchemie.

MC-PowerFlow: A revolutionary new development

The result of continuous development of PCE-based admixtures

Following years of intensive research, MC has developed MC-PowerFlow – the new generation of PCE superplasticizers which has greatly improved properties compared with standard PCE admixtures. This development has been possible because of the new polymers exclusively based on MC's own innovative raw materials.



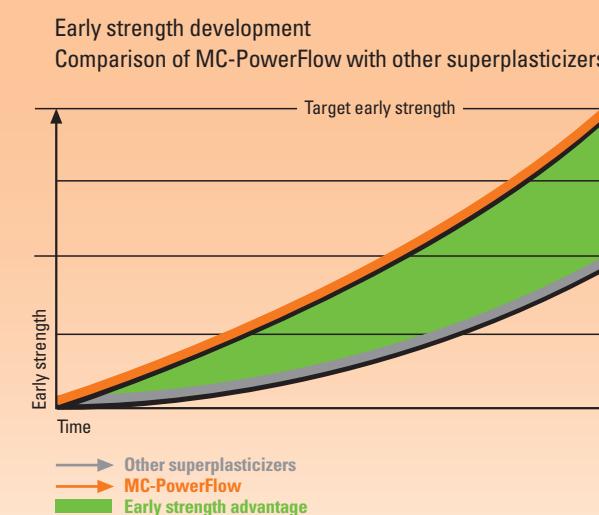
The new generation of superplasticizers reduces formwork time and improves concrete quality

Improvements in every way

MC-PowerFlow offers cost effective, controllable flow performance without compromising the inherent properties of the concrete. MC-PowerFlow increases early strength by saving water and thereby speeds up the formwork setting time. Reduced time in the formwork means production savings for your precast concrete elements. Obviously, this significantly influences the cost-effectiveness of your overall production process.

Apart from the benefits and advantages of producing on-site concrete or precast components, MC-PowerFlow is highly suited to the production of intricate precast elements with fine detailing. The need for superior consistency, without compromising early strength and surface quality, makes MC-PowerFlow the intelligent choice and best solution for your precast production.

Early strength development



MC-PowerFlow

- For precast production
- Improved effectiveness compared with standard PCE admixtures through innovative MC polymer technology
- For the production of concrete in any consistency
- Acceleration of the formwork removal cycle because early strength is improved
- Surface improvement
- Highly cost effective because of reduction in the quantities of material required