

Innovation in Building Chemicals



MC Bauchemie

A European Company



With a presence in over 20 European countries Europe is MC's home. More than 1,500 employees are researching, developing and manufacturing at more than 10 production sites. From the East to the West and from the North to the South MC is producing innovative products and systems to improve concrete and protect and preserve structures.

MC - always one step ahead of current practices, standards and technologies.

MC has been very active in the expansion and build-up phases of the 60s and 80s in the former West Germany. Then in the 90s MC was equally active in the new federal states of the East. Today our focus is 'building for the future' in the eastern European countries and on the significant engineering projects in neighbouring countries in the West.

The name MC is also synonymous with building preservation and restoration. We are also instrumental in the improvement and expansion of living space. Protection and restoration systems are setting new standards in building and civil engineering. Innovative coating systems safeguard our supply of drinking water. Highly chemical resistant systems are used in the construction of new and the maintenance of existing waste water treatment plants. The repair of underground pipe networks is essential to the safe and efficient disposal of waste. All these systems regardless of their chemical composition are effective, durable and formulated with the environment in mind not just for now but for the generations to follow.



”Bauchemie – synonymous with concrete improvement and the protection and preservation of structures.“



MC – two construction chemical companies under one banner

Comprehensive and effective products for the construction industry



- Concrete and mortar admixtures
- Site products
- Waterproofing

CONSTRUCTION CHEMICALS

MC's range of products and services for the ready-mixed and the pre-cast concrete industries includes on-site concrete technology advice and consultation, trial mixes with the local materials to evaluate the concrete mix performance and installation of dispensing equipment. Naturally the delivery of admixtures considers environmental aspects as MC uses returnable containers or delivers in bulk tankers.

In addition MC offers all the necessary chemical products for concrete casting, curing and cosmetic repairs.

MC also has a full range of floor screed systems for domestic and light traffic applications as well as heavy duty industrial usage.

For below grade waterproofing MC products excel. Being seamless and applied by hand or spray no details and profiles are too difficult. All systems are eco-friendly and solvent-free. MC's experts provide technical support with product selection and detailing to architects and engineers at design as well as execution stages of the project.

- Concrete Repair
- Injection Systems
- Industrial Flooring

PROTECTION TECHNOLOGIES

MC's protection and renovation systems for concrete structures, for example on highway bridges, make a considerable contribution to trunk road infrastructure.

Sealing leaking tunnels safeguard road and rail traffic. Retro fitting of waterproofing membranes with hydrostructural resins preserve historic buildings. Structural resins restore the load-bearing capacity of concrete or masonry elements and extend service life. MC has earned respect and a reputation for its provision of expert advice at all stages of a construction project. Civil and structural engineers, architects and planners in regional and national transport departments, water and waste water industries and energy are just some of the sectors that specify and use MC products.

The industrial flooring sector includes high performance systems for the pharmaceutical and electronics industries, heavy-duty systems for metal processing, hard wearing hygienic coatings for the food & drinks industry as well as functional and decorative systems for showrooms and similar public areas.

“MC – innovation and competence in new construction and for the renovation of existing structures.”



MC – Innovation, Competence, Service

Our objective: to be one step ahead of the competition at all times



10 % of all MC employees work in the field of research and development.

The clients and partners needs and demands are at the heart of product development at MC.

Curing systems to reduce cracking, improve durability and resistance to aggressive media is one such example. The electricity generating companies demanded such systems for concrete natural draught cooling towers and chimneys. MC developed such products and for decades no other manufacturer has matched the high level of performance achieved by MC.

A few years ago, following a change in the environmental regulations for power generation, acid-resistant concrete was specified for the construction of the largest cooling tower in the world. The technical solution was made possible by MC chemists and concrete technologists.

Further examples of successful innovations are

- mineral-based polymer silicate material protecting surfaces subject to extreme acid attack,
- eco-friendly injection systems for application in potable water structures,

- crack-bridging cementitious surface protection for civil engineering structures,
- concrete repair and protection systems that restore the fire resistance classification of concrete and
- new generation admixtures for self-compacting concrete.

MC specialists sit on many European panels and committees that decide on standards and policies, e.g. CEN or the newly formed EFCC. Their research findings and expertise contribute to numerous European and international associations and technical committees in the areas of energy, water management, tunnel, road and bridge construction and waste water technology. MC enjoys continuous dialogue with leading European universities that are conducting research into construction materials. MC's R&D departments guide and advise many students in their degree and PhD theses and research projects. MC's engineers, technologists and chemists are active in numerous EU-research projects that investigate concrete durability.

MC solutions are the benchmark for tomorrow's technology.

“Years of experience build expertise that guarantees reliable solutions for the construction site.”



MC – the people behind the Name

Professional skills and personnel development – for the benefit of our clients



The service to clients is ultimately provided by people. Our clients and partners have complete trust in the specialist knowledge of MC advisers – which is the basis of MC's success.

Professional qualifications and further professional development of our staff are of primary importance at MC. New employees receive intensive and detailed specialist training at our in-house training centre. This is prior to being prepared for their specific tasks with thorough 'on-the-job' training

The company's long-term objectives and the applied maxims of cooperation and leadership ensure that each employee receives full support in their professional development.

MC trainees have the opportunity to complete part of their training in another country. In-house staff training programmes enhance the promotion prospects of employees from all countries.

Putting the client first – for MC this means intensive dialogue with clients. The MC-Forum and the 'MC Concrete Days' have become well-known features in Europe. They foster the exchange of information and updates about latest developments in concrete technology and the repair and protection of structures. Renowned international experts from research and academia, design and construction take part in these events. MC's specialist applicators benefit from and value regular training and product and system up-dates in the areas of waterproofing, coating technology, injection and concrete repair.

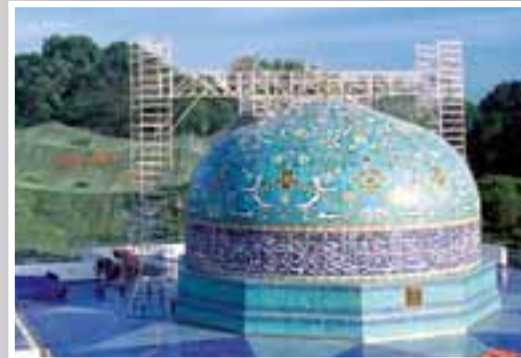
“MC services from people enjoying their jobs.”

MC – Growth in a changing world

MC is more than just a European enterprise that deals in the specialist areas of Construction Chemicals and Protection Technologies.

For more than 25 years MC has also been operating in India, so far with two production sites. Further companies with plants in Taiwan and Malaysia form the basis for a prosperous future in Southeast Asia.

In 2005 a new plant in Brazil was inaugurated, an important and ambitious step in MC's growth history initiating operations on the South American continent.



Over the last few years a new brand of high-quality products for the tiling and sealing sector has established itself on the European market, sold under the name of "Botament Systembaustoffe" (system building range), serving the European specialist building trade. And last but not least, "Ultrament" has made its name in the retail market and is distributed by builders merchants and DIY stores.



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