



Bridge Constructions

New building and preservation

EXPERTISE
BRIDGE



System Solutions for Bridge Constructions

For new build and the preservation of existing bridge structures, MC provides an optimum and qualified customer service combined with technically advanced products that fulfil all relevant requirements and ensure an economically efficient and high quality solution is maintained right from the planning stage to the realisation of the project.



Concrete Admixtures

Centrament, MC-PowerFlow

- High-performance superplasticizers and admixtures for precise control of fresh- and hardened concrete properties in ready-mix concrete manufacturing



Waterproofing Systems

Nafuflex

- Bituminous waterproofing for bridge bases and foundations

Expert Proof

- Bitumen-free hybrid waterproofing



Concrete Release Agents

Ortolan product range

- For an optimized production of precast elements and high-quality concrete surfaces



Grouting Compounds

Emcecrete product range

- Poured concrete and grouts for bridge bases, foundations and anchored steel constructions



Site Products

Emcefix product range

- Levelling of edges and rock pockets, filling of anchor- and clamping holes
- Surface finish for high-class concrete surfaces





Concrete Repair

Nafufill concrete replacement system

- Corrosion protection of the reinforcement
- Concrete repair, partial and large-scale
- Fire protection of the reinforcement



Injektion Systems

MC-Injekt, Centricrete

- Force-fit crack injection
- Strengthening and sealing of bridge soffits, supports and abutments



Natural Stone Masonry

Oxal joint mortars and injection adhesives

- Joint repair
- Restoration of stone bond
- Increase of load-bearing capacity
- Filling of cavities



Surface Protection Systems

MC-Color product range

- Weather protection
 - Surface protection
 - Concrete protection
 - Graffiti protection
- of bridge soffits, supports and abutments



Sealing of Bridge Decks

MC-DUR System

- Epoxy- and polyurethane systems for repair and sealing of bridge decks and bridge caps



Joint Sealing

Nafutekt Plus

- Permanently flexible and heavy-duty lane junctions

Mycoflex

- Highly resistant expansion joints



Structural Strengthening

CFK-systems

- Flexural tension reinforcement with surface- or slot-glued CFRP-strips
- Shear force reinforcement
- Reinforced strutting

Product Systems for Bridge Constructions

- Concrete admixtures
- Concrete release agents
- Site products
- Waterproofing systems
- Grouting compounds
- Sealing of bridge decks
- Joint sealing
- Structural strengthening
- Concrete repair
- Injektion systems
- Natural stone masonry
- Surface protection systems

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BE SURE. BUILD SURE.

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