Master Builders Solutions from BASF

The Master Builders Solutions brand encompasses all of BASF’s expertise together to create chemical solutions for new construction, maintenance, repair and renovation of structures. Master Builders Solutions is built on the experience gained from more than a century in the construction industry.

The know-how and experience of a global community of BASF construction experts form the core of Master Builders Solutions. We combine the right elements from our portfolio to solve your specific construction challenges. We collaborate across areas of expertise and regions and draw on the experience gained from countless construction projects worldwide. We leverage global BASF technologies, as well as our in-depth knowledge of local building needs, to develop innovations that help make your new successfull and long-lasting construction. The comprehensive portfolio under the Master Builders Solutions brand encompasses concrete admixtures, cement additives, solutions, sealants, concrete repair and protection solutions, performance grouts and performance flooring solutions.

Master Builders Solutions products from BASF for the Construction Industry:

MasterFlex® Solutions for formwork treatment
MasterGlenium® Solutions for super-plasticized concrete
MasterGiper® Solutions for high-performance concrete
MasterInject® Solutions for concrete injection
MasterKure® Solutions for concrete curing
MasterLine® Solutions for enhanced durability
MasterMatrix® Advanced rheology control solutions for self-consolidating concrete
MasterPh® Solutions for water tight concrete
MasterPoz® Solutions for high-performance concrete
MasterSet® Solutions for water reduced concrete
MasterTop® Solutions for underwater construction
MasterSure® Solutions for retardation control
MasterAir® Solutions for precision grouting
MasterFiber® Solutions for industrial and commercial floors
MasterPel® Solutions for high-density concrete
MasterKem® Solutions for cement manufacture
MasterMiks® Solutions for manufactured concrete product industry
MasterBrace® Solutions for concrete strengthening
MasterMix® Solutions for cement manufacture
MasterSure® Solutions for concrete repair
MasterFlow® Solutions for high-density concrete
MasterPro® Solutions for performance grouts and performance flooring solutions.

For optimal concrete or masonry repair, study and correct the underlying cause of damage – then use our high performance products for long-term integrity and strength.
**Concrete Repair Solutions**

**Long-Term Integrity and Durability**

**Technologies**

- Liquid, surface applied migrating corrosion inhibitors
- Embedded galvanic anodes for corrosion control/mitigation

**Applications**

- Roads, Bridges and Tunnels
- Stadiums and Parking Structures
- Water and Waste Treatment Facilities

**Road Technologies**

- Rebar Corrosion Protection
  - MasterEmaco® T 430 Repair Mortar
  - MasterEmaco® T 415 Repair Mortar
  - MasterEmaco® T 950 Repair Mortar

**Surface Preparation**

- MasterProtect® P 8100AP Resin and Primer

**Rebar Corrosion Protection**

- MasterEmaco® T 545 and T 545HT Repair Mortars
  - MasterEmaco S 440, S 440MC and S 487SP Repair Mortars
  - MasterEmaco T 1500HCR

**Concrete Repair Solutions – Long-Term Integrity and Durability**

- MasterEmaco® T 545 and T 545HT Repair Mortars
  - A one-component, polymer-modified, shrinkage-compensated, flowable repair mortar with integral corrosion inhibitor recommended for vertical and overhead concrete repairs. It is excellent for short-term or moderate-intensity loads and is NSF approved.
  - MasterEmaco® T 310CI Repair Mortar
  - A one-component polymer-modified, shrinkage-compensated, flowable repair mortar with integral corrosion inhibitor for a variety of applications. Ideal for patching and vertical repairs.
  - MasterProtect® 8000CI Corrosion Inhibitor
  - A surface-applied clear liquid that penetrates the concrete and provides an organofunctional molecule to inhibit the electrochemical corrosion of surrounding reinforcing steel.

**Surface Repair**

- MasterEmaco® S 487SP Repair Mortar
  - A silica fume enhanced, fiber-reinforced structural repair concrete with integral corrosion inhibitor recommended for vertical and overhead concrete repairs. It is excellent for high-strength bond strengths and is NSF approved.
- MasterEmaco® T 415 Repair Mortar
  - A one-component repair mortar with water-hardening cement that is suitable for repairs when surface downdrag is a concern. It is ideal for repairs to be cast over聚合物 modified cementitious mortars.

**Structural Repair**

- MasterEmaco® T 950 Repair Mortar
  - A one-component repair mortar with water-hardening cement that is suitable for repairs when surface downdrag is a concern. It is ideal for repairs to be cast over聚合物 modified cementitious mortars.

**Traffic Repair**

- MasterEmaco® T 545 and T 545HT Repair Mortars
  - MasterEmaco® T 310CI Repair Mortar
  - MasterProtect® 8000CI Corrosion Inhibitor
  - MasterProtect® 9000CI Corrosion Inhibitor

**Crack Repair and Bonding**

- MasterEmaco® T 430 Repair Mortar
  - MasterEmaco® T 415 Repair Mortar
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**Applications**

- Commercial, Industrial Buildings
- Industrial Facilities
- Mines and Mining Structures
- Hospitals, Schools and Tunnels
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