Master Builders Solutions from BASF

The Master Builders Solutions brand brings 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.

This knowledge and experience of a global community of BASF construction experts informs the core of Master Builders Solutions. We continue 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 you more successful and drive sustainable construction. This comprehensive portfolio under the Master Builders Solutions brand encompasses concrete admixtures, cement additives, solutions for formwork treatment, reinforced concrete, water-reduced concrete, self-consolidating concrete, industrial and commercial flooring solutions, sealants, concrete repair and protection solutions, performance grouts, performance flooring solutions.

Master Builders Solutions products from BASF for the Construction Industry:

MasterAir® Solutions for air-entrained concrete
MasterAir® Fibers Solutions for concrete strengthening
MasterCast® Solutions for manufactured concrete product industry
MasterCoat® Solutions for cement manufacture
MasterEcoS® Solutions for concrete repair
MasterFiber® Solutions for formwork treatment
MasterFlow® Solutions for precision grouting
MasterFinish® Comprehensive solutions for fiber reinforced concrete
MasterGlenium® Solutions for high performance concrete
MasterJet® Solutions for concrete injection
MasterKure® Solutions for concrete curing
MasterLink® Solutions for enhanced durability
MasterMatrix® Advanced rheology control solutions for self-consolidating concrete
MasterFlex® Solutions for water tight concrete
MasterHiflow® Solutions for high performance concrete
MasterProtect® Solutions for water-reduced concrete
MasterProtect® MasterPozzolith® Solutions for concrete protection
MasterProtect® MasterRoc® Solutions for super-plasticized concrete
MasterProtect® MasterRheobuild® Solutions for underground construction
MasterSeal® Solutions for waterproofing and sealing
MasterSet® Solutions for vibration control
MasterTop® Solutions for workability control
MasterFlow® Solutions for industrial and commercial floors
Ucrete® MasterSure® Flooring solutions for harsh environments

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® = Registered trademark of the BASF-Group in many countries.

Power and Energy Solutions for Power and Energy Construction

BASF reserves the right to make any changes according to technological progress or further developments. The Purchaser of the Product(s) must provide information and advice including the extent to which such information and advice may relate to existing third party intellectual property rights, especially patent rights, nor shall any legal relationship be created by or arise from the provision of such information and advice.

The Purchaser must determine the suitability of the products for the intended use and assumes all risks and liabilities in connection therewith. This warranty shall not apply to the extent that the use of such information and all further technical advice are based on BASF’s present knowledge and experience. However, BASF assumes no liability for providing such information and advice including the extent to which such information and advice may relate to existing third party intellectual property rights.

Purchaser may present claims for damages within one (1) year from the date of shipment and any claims not presented within that period are waived by Purchaser. BASF will not be responsible for any claim concerning this product, including but not limited to, claims alleging breach of warranty, negligence, strict liability or punitive damages. This warranty will be limited to the return or replacement of the Product and will not exceed the amount paid by Purchaser for any claim concerning this product, including but not limited to, claims alleging breach of warranty, negligence, strict liability or punitive damages. This warranty is limited to the extent that it may relate to existing third party intellectual property rights.

BASF MAKES NO OTHER WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO ITS PRODUCTS. The sole and exclusive remedy of Purchaser for any claim concerning this product, including but not limited to, claims alleging breach of warranty, negligence, strict liability or punitive damages, will be the return or replacement of the Product and will not exceed the amount paid by Purchaser for any claim concerning this product, including but not limited to, claims alleging breach of warranty, negligence, strict liability or punitive damages. This warranty is limited to the extent that it may relate to existing third party intellectual property rights.
High Performance Construction Solutions for Pipelines and Power Generation Facilities

**Compressors and Pump Stations**

The efficient and effective movement of natural gas, petroleum products and crude oil is where BASF is involved. Our MasterFlow® grout products are designed to meet demanding applications, to keep compressor and pump station and storage facilities operating efficiently. BASF has a full line of solutions, used in the following applications, to keep compressor and pump station operations functioning flawlessly.

**Grouting**

MasterFlow® grout products are designed to meet demanding applications, providing stable, durable and reliable service. High strength, resistance to impact and vibration, controlled set times, as well as chemical and sulfate resistance.

- Compressors
- Storage tanks
- Pump bases

**Concrete Repair**

- A complete line of cementitious, polymer and polymer modified concrete repair mortars are used to repair deficiencies and cracked concrete.
- *Task walls and floors*  
  Foundation rebuild  
  Gunite/bulkheads

**Coal and Gas**

Coal and gas power generation facilities have unique requirements. Our grout and repair products are trusted to meet and exceed these requirements.

**Grouting**

Our MasterFlow® grout products maintain precise alignment of critical equipment even under severe torque and vibrational loads, and are proven to exhibit very low creep, even at high operating temperatures.

- Turbines, generators and water-cooled plates
- Tank bases
- Water的带领下
- Feedwater pumps
- Motors and other housing
- Structural elements and prestressed panels
- Concrete supports

**Concrete Repair**

Early in repairs and fast curing MasterEmaco cementitious repair materials are formulated to allow quick, durable repairs with fast return to service.

- Concrete cooling towers
- Composition areas
- Foundation rebuilds
- Valves
- Deformation due to corrosion of reinforcing steel
  - Mitigation of reinforcing steel corrosion
  
**Wind**

BASF is involved in wind farm construction throughout the world, working with turbine manufacturers, engineers and contractors to develop and implement specific products and systems to ensure safety, reliability and durability.

- A reputation for reliability and outstanding performance, the MasterFlow® grout and repair lines are used in installations related to structural fatigue, reduce vibration and handle the unique loads required in this rapidly developing market.

**Grouting**

- Our MasterFlow® grout products are formulated to provide resistance to various protective measures, used as the selecting between the layers and the foundation to provide load-bearing and corrosion resistance in the largest wind turbines.

**Concrete Repair**

- Easy to apply and fast curing MasterEmaco concrete repair materials allow quick, durable repairs with fast return to service and long service life.

- Our MasterEnaco and MasterSeal® solutions provide lasting protection from moisture intrusion and corrosion and ensure effective performance over the long term.

**Nuclear Facilities**

BASF fully understands the regulatory requirements of the NRC for safety-related materials. We have trained customer service, production and quality control teams to ensure compliance with 10 CFR Appendix B criteria.

- Our MasterFlow® and MasterEmaco® solutions provide fast return to service and ensure resistance to radiation and long-term integrity.

**Hydroelectric**

Hydroelectric power facilities pose unique challenges and require expert solutions designed to withstand aggressive environments.

- Grouting
  - MasterFlow® grout products provide total bonding and support for critical structures and machinery.

- Turbo-alternators
- Drive motors, fan housings and pump bases

**Concrete Repair**

- Repair products are available in formulations to facilitate spray, pour or hand application. They withstand freeze/thaw and are needed to protect against underwater abrasion from erosion and cavitation.

- Spillways
- Malls and piers
- Sealing panels
- Skirms and penstocks
- Sleeves and maintenance of mass concrete structures

**Coatings, Sealants, Waterproofers and Water Repellants**

BASF’s MasterSeal® and MasterFlex® solutions provide lasting performance and effective protection against water intrusion and erosion resistance and long service life.

- Floor protection and maintenance
- Waterproofing of concrete and fill voids in the structure.

**Injection Grouting**

Our line of MasterFlow® grout products are used to fill and seal cracks and voids in the structure.