



Grouting and Anchoring Systems

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Grouts are versatile construction materials used for structural stabilization and load transfer. Master Builder Solutions offers a complete line of cementitious and polymer-based grouting materials for precision machinery, grouting and anchoring.



The MasterFlow® range of construction grouts from Master Builders Solutions has evolved through over 80 years of innovation and product development. As engineering demands have increased, so have demands on grouts. Precision, dimensional stability, durability and toughness are essential qualities supplied by our products.

In response to the growing requirement for specific chemical resistance properties, the technology of MasterFlow® grouts has continued to evolve, providing the engineer with the vital link between equipment and

ground for all types of construction.

Our product range also includes injection grouts for stopping water ingress, vibration dampening grouts for light rail and tramways, together with a range of specialist grouts.

Strength and performance you can rely on.

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.

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 you more successful and drive sustainable construction.

The comprehensive portfolio under the Master Builders Solutions brand encompasses concrete admixtures, cement additives, chemical solutions for underground construction, waterproofing solutions, sealants, concrete repair & protection solutions, performance grouts, performance flooring solutions.

MasterFlow® Cementitious Grouts

The MasterFlow® Cementitious grout range incorporates high flow high strength metallic aggregate grouts with dual-phase shrinkage compensation to ensure long term performance. This unique product combines the malleability of the specially treated cast iron aggregate and high early and ultimate strength to deliver a grout that is ideally suited for machinery subject to constant dynamic loading.



High flow, high strength, long working time natural aggregate grout with dual phase shrinkage compensation, ensures long term performance in all types of critical machinery grouting. This product sets the standard for natural aggregate precision grouts.

High flow, mid strength natural aggregate shrinkage compensated grouts are ideal for areas where lower strength and load transfer is required. These grouts are suitable for bulking out with aggregates to allow for very

thick pours without compromising on flow or strength.

Flowable and dry packable low strength grouts are suitable for all types of general purpose grouting activities. The ability to dry pack makes these grouts very versatile and able to be used in many areas.

Other grouts include a non hydrogen generating cable grout that has been specifically developed to meet the needs of a number of specialist installations.

The MasterFlow® range also includes grout additives to allow the production of high quality shrinkage controlled grouts on site. The range allows many types for grout to be produced, from cable and anchoring grouts, to high flow or dry pack grouts.



MasterFlow[®] Resin Grouts

MasterFlow[®] Resin grouts range features high flow thin section grouts for machine bases where high strength gain and fast return to service are essential. These grouts can be extended with aggregate to allow thicker pours where necessary and are a first choice when the anchoring of critical equipment is desired.



Adjustable flow aggregate filled medium section grouts are ideal for all critical grouting environments where fast strength gain and chemical resistance are an issue. These grouts are able to withstand a wide temperature range, making them the ideal choice for many processing and petrochemical environments.

Adjustable flow low exotherm thick section grouts have been specifically developed for chocking and thick section regrouting, allowing the engineer to return the machine to service, even if the grout bed is as thick as 500mm - a problem for both normal resin and cementitious grouts. These grouts can be used for many anchoring applications including hold down bolts, stays and cable anchors.



Grouting Product Selection Guide

Description	Brand Name	Technology	Application											
			Pile Caps	High Dynamic Loads	Fast Return to Service	Non Hydrogen Generating	Dry Pack	Thick Section Grouting	High Chemical Resistance	High Service Temperature	High Flow Long Open Time	Metallic Non Expansive		
Metallic Aggregate Precision	MasterFlow® 880, 9300	Cementitious		●								●	●	
Natural Aggregate Precision	MasterFlow® 810, 870, 9500	Cementitious	●	●								●	●	
Natural Aggregate General Purpose	MasterFlow® 700	Cementitious	●				●							
Natural Aggregate Low Exotherm	MasterFlow® 815	Cementitious							●					
Non Aggregate Cable Grout	MasterFlow® 190	Cementitious				●								
High Flow Non Aggregate	MasterFlow® 6220	Epoxy		●	●					●				
High Flow Aggregate Filled	MasterFlow® 6480	Epoxy	●	●	●					●	●	●	●	
High Flow Low Exotherm	MasterFlow® 6780	Epoxy		●	●						●	●	●	



Master Builders Solutions from BASF for the Construction Industry

MasterAir®

Complete solutions for air entrained concrete

MasterBrace®

Solutions for concrete strengthening

Mastercast®

Solutions for the manufactured concrete product industry

MasterCem®

Solutions for cement manufacture

MasterEmaco®

Solutions for concrete repair

MasterFinish®

Solutions for formwork treatment

MasterFlow®

Solutions for precision grouting

MasterFiber®

Comprehensive solutions for fibre reinforced concrete

MasterGlenium®

Solutions for hyperplasticised concrete

MasterInject®

Solutions for concrete injection

MasterKure®

Solutions for concrete curing

MasterLife®

Solutions for enhanced durability

MasterMatrix®

Advanced rheology control solutions for self-consolidating concrete

MasterPel®

Solutions for water tight concrete

MasterPolyheed®

Solutions for high performance concrete

MasterPozzolith®

Solutions for water-reduced concrete

MasterProtect®

Solutions for concrete protection

MasterRheobuild®

Solutions for superplasticised concrete

MasterRoc®

Solutions for underground construction

MasterSeal®

Solutions for waterproofing and sealing

MasterSet®

Solutions for retardation control

MasterSure®

Solutions for workability control

MasterTop®

Solutions for industrial and commercial floors

Master X-Seed®

Advanced accelerator solutions for pre-cast concrete

Ucrete®

Flooring solutions for harsh environments

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