



MasterFinish

Making the Difference to
Concrete Aesthetics and
Appearance



Master Builders Solutions

The Master Builders Solutions brand brings all of our 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 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 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, solutions for underground construction, waterproofing solutions, sealants, concrete repair & protection solutions, performance grouts, performance flooring solutions and solutions for on- and offshore wind energy.

Our comprehensive portfolio

- Concrete admixtures
- Cement additives
- Chemical solutions for underground construction
- Waterproofing solutions
- Sealants
- Concrete repair and protection solutions
- Performance grouts
- Wind turbine grouts
- Performance flooring solutions





MasterFinish

Comprehensive Solutions for all Areas of the Construction Industry

Benefits

MasterFinish form release agents provide a comprehensive solution for the production of fair-faced concrete for all segments of the construction industry.

- Innovative products using the latest technologies.
- Supplemented by appropriate MasterFinish products for surface sealing as well as for cleaning, protection and maintenance.
- Complete range based on our extensive know-how in the use of concrete admixtures, form release agents and curing compounds.
- Assistance in the preparation of specifications and optimization of the technological parameters of concrete.

Our reference in Dolni Bucice (Czech Republic):
GOBACAR-element from GOLDBECK Bau



Environment

Aesthetic design plays a key role in assessing the quality of a building's structure and the appearance of concrete surfaces is an important component. The key to high quality concrete surfaces is the use of suitable form release agents. They differ in their performance profile, which must be adapted to the application and tailored to the intended scope of the manufacturing process of the concrete element. Master Builders Solutions offers a comprehensive range of MasterFinish form release agents for each application. This includes further products for the cleaning, protection and maintenance of truck mixers, machinery and construction equipment.

Requirements

In the modern construction industry, a wide range of advanced construction methods are applied for daily business. Contractors are using different concreting methods to those employed by a precast manufacturer for its products. The manufacture of prestressed concrete girders requires different form release agents to the production of railway sleepers.

And to facilitate the cleaning of a ready mix truck at the end of the working day, specially designed barrier oils are needed. To provide an appropriate solution in each case, each MasterFinish product demonstrates a defined application profile that allows customers to make the right selection for their needs.

Technologies

The core European MasterFinish range includes all the marketable technologies for form release agents that are available, based on mineral oil, vegetable oil and water-based technology. We place a special emphasis on sustainable solutions. Form release agent emulsions provide a key part of our offer. With these innovative products, not only can you achieve excellent, non-porous and uniform coloured concrete surfaces – it is also possible to make significant resource savings thanks to technology that uses water as the most environmentally friendly solvent, together with renewable raw materials. MasterFinish emulsions are readily biodegradable and very kind to skin.



Our reference in Hradec Králové (Czech Rep):
Hradec Králové Library

MasterFinish selection matrix

		MasterFinish RL 201	MasterFinish RL 211	MasterFinish RL 215	MasterFinish RL 341	MasterFinish RL 218	MasterFinish RL 224	MasterFinish RL 303	MasterFinish RL 309	MasterFinish RL 310	MasterFinish RL 314	MasterFinish RL 318	MasterFinish RL 322	MasterFinish FW 323	MasterFinish MPT 299	MasterFinish MPT 349
Application	Architectural Concrete	•	•			•										
	White Concrete	•	•													
	Prestressed Elements	•	•	•		•	•		•				•			
	Tunnel Segments		•	•		•							•	•		
	Heavy Precast		•	•		•	•					•	•			
	Steam Curing			•		•				•			•			
	White Slabs	•	•	•		•	•		•	•	•	•	•	•	•	
	Wall & Facade Elements	•	•	•		•	•		•	•	•	•	•	•	•	
	Instant Demoulding								•	•						
	Railway Sleepers								•							
	Hollow Core							•			•					
	Boards for Pavers & Bricks				•						•					
	Socket Rings													•		
	Mixer & Trucks														•	•
Technology	Emulsion	•	•	•	•											
	Vegetable Oil						•									•
	Synthetic Oil							•	•	•	•		•		•	
	Solvent					•						•				
Biodegradation	Readily	•	•		•		•									•
	Inherent			•		•		•	•	•	•	•	•	•	•	
Corrosion Protection	Excellent			•								•		•		
	Good	•	•		•	•	•	•	•	•	•		•		•	•



Master Builders Solutions 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

MasterEase

Low viscosity for high performance concrete

MasterEmaco

Solutions for concrete repair

MasterFinish

Solutions for formwork treatment and surface improvement

MasterFlow

Solutions for precision grouting

MasterFiber

Comprehensive solutions for fiber reinforced concrete

MasterGlenium

Solutions for high performance concrete

MasterInject

Solutions for concrete injection

MasterKure

Solutions for concrete curing

MasterLife

Solutions for enhanced durability

MasterMatrix

Advanced rheology control for concrete

MasterPel

Solutions for hydrophobization, anti-efflorescence and surface protection

MasterPolyheed

Solutions for mid-range concrete

MasterPozzolith

Solutions for water-reduced concrete

MasterProtect

Solutions for concrete protection

MasterRheobuild

Solutions for high strength concrete

MasterRoc

Solutions for underground construction

MasterSeal

Solutions for waterproofing and sealing

MasterSet

Solutions for set control

MasterSphere

Solutions for guaranteed freeze-thaw resistance

MasterSuna

Solutions for sand and gravel in concrete

MasterSure

Solutions for extraordinary workability retention

MasterTop

Solutions for industrial and commercial floors

Master X-Seed

Advanced accelerator solutions for concrete

Ucrete

Flooring solutions for harsh environments



QUANTIFIED SUSTAINABLE BENEFITS ADVANCED CHEMISTRY BY MASTER BUILDERS SOLUTIONS

Let the numbers do the talking: We have portrayed some of our most eco-efficient product solutions for concrete and precast production, construction, civil engineering, and flooring.

sustainability.master-builders-solutions.com



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