



MasterFinish

Making the Difference to
Concrete Aesthetics and
Appearance



Master Builders Solutions from BASF

Building on partnership. Our Master Builders Solutions experts find innovative and sustainable solutions to meet your specific construction needs. Our global experience and network help you to be successful – today and tomorrow.



Master Builders Solutions

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 and protection solutions, performance grouts, performance flooring solutions.

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. Under the brand Master Builders Solutions, BASF 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.



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 | ● | ● | | ● | ● | ● | ● | ● | ● | ● | | ● | | ● | ● |



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





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

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 water tight concrete

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

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

BASF plc

Construction Chemicals

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