



MasterFinish

Making the Difference to
Concrete Aesthetics and
Appearance





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.



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

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 portfolio under the Master Builders Solutions brand encompasses concrete admixtures, cement additives, watertight concrete and solutions for underground construction.

Our comprehensive portfolio

Admixtures:

- Low Clinker Concrete Solutions
- Manufactured Concrete Solutions
- Precast Concrete Solutions
- Ready-Mixed Concrete Solutions
- Watertight Concrete Solutions

Underground Construction:

- Ground Engineering & Injection Solutions
- Mining Solutions
- Rock Bolting Solutions
- Sprayed Concrete Solutions
- TBM Solutions
- Waterproofing Solutions





Master Builders Solutions for the Construction Industry

MasterAir®

Complete solutions for air entrained concrete

MasterCast®

Solutions for the manufactured concrete product industry

MasterCem®

Solutions for cement manufacture

MasterCO₂re™

Solutions for low-clinker concrete

MasterEase®

Low viscosity for high performance concrete

MasterFinish®

Solutions for formwork treatment and surface improvement

MasterFiber®

Comprehensive solutions for fiber reinforced concrete

MasterGlenium®

Solutions for high performance concrete

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

MasterRheobuild®

Solutions for high strength concrete

MasterRoc®

Solutions for underground construction and surface improvement

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

Master X-Seed®

Advanced accelerator solutions for concrete

Unveil the Power of MasterCO₂re™ : Intelligent Cluster System for Low-clinker Concrete Production

info.master-builders-solutions.com/en/masterco2re



Master Builders Solutions UK Ltd

Swinton Hall Road, Swinton,
Manchester, M27 4EU
T +44 161 727 6300

ukinfo@masterbuilders.com

www.master-builders-solutions.com

The data contained in this publication are based on our current knowledge and experience. They do not constitute the agreed contractual quality of the product and, in view of the many factors that may affect processing and application of our products, do not relieve processors from carrying out their own investigations and tests. The agreed contractual quality of the product at the time of transfer of risk is based solely on the data in the specification data sheet. Any descriptions, drawings, photographs, data, proportions, weights, etc. given in this publication may change without prior information. It is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed (06/2023).

