

# MasterFinish SRT 480

Solvent free, aqueous surface retarder for the manufacturing of outstanding exposed aggregate concrete by positive application.

## Material description

MasterFinish SRT 480 is an aqueous dispersion of high-grade active components free of organic solvents. After even application on the surface of the freshly placed concrete prior to setting, the product forms a highly effective layer that deactivates the hardening in a defined depth.

A range of four graded types marked by colour codes are available:

Green:	aggregate size: 0 - 4 mm, exposure depth: 0.3 - 0.5 mm
Blue:	aggregate size: 3 - 10 mm, exposure depth: 0.9 - 1.0 mm
Pink:	aggregate size: 5 - 14 mm, exposure depth: 2.5 - 3.0 mm
Grey:	aggregate size: 10 - 20 mm, exposure depth: 3.5 - 4.0 mm

The values of exposure depth are rough guides, because they depend on different factors. The MasterFinish SRT 480 type must be adjusted to the amount and type of cement and any other actions influencing exposure depth.

## Fields of application

MasterFinish SRT 480 may be applied for exposed aggregate concrete where positive application is required. It produces even surface finishes with high reproducibility. MasterFinish SRT 480 may be applied for:

- traffic areas (Roads, car parks, sidewalks, driveways),
- garden - and landscape elements (Palisades, kerbstones, planters, pavers, panels, etc.).

## Features and benefits

MasterFinish SRT 480 gives an improved exposed surface of concrete. Due to its low viscosity it is easy to apply, economical in use and very reliable even under difficult application conditions. It dries quickly, is resistant against humidity and abrasion and can be applied on all types of concrete.

The high grade of effect of MasterFinish SRT 480 allows a wash-out time of 16 to 30 hours.

- For excellent surface finish.
- Solvent free and environmental friendly.
- Reliable function under difficult application conditions.
- Easy and economical application.

## Dosage

1 kg for approx. 5 m<sup>2</sup> depending on the type of substrate and its absorption.

## Packaging

MasterFinish SRT 480 is packed in cans of 25L.

## Storage

Protect from freezing and pollution. Store at less than 35°C. If stored in original sealed containers at 20°C MasterFinish SRT 480 is durable for 1 year.

## Directions for use

The right type of 480 should be selected by field-proven trials. MasterFinish SRT 480 has to be mixed thoroughly with a paddle before use. It is best applied with an airless sprayer to the absolutely fresh concrete, taking care that the complete coverage is achieved. If using a common sprayer with a nozzle of 1-2 mm, the pressure should be in the range of 2-3 bar. The concrete surfaces, which have to be coated, should be free of bubbles. Covering of the sprayed areas is not required, but could be of advantage.

Elutriation of dried MasterFinish SRT 480 follows after the concrete has hardened, usually after one day after application using a cold water pressure washer (pressure 100 – 200 bar). The working equipment can be cleaned with water after use.



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## Safety information

For information on the correct and safe use, transport, storage and disposal of the product, consult the most recent Safety Data Sheet.

## Other services

For additional technical information, brochures, references, technical reports and technical support please visit [www.master-builders-solutions.com/it-it](http://www.master-builders-solutions.com/it-it) or alternatively contact [infomac@masterbuilders.com](mailto:infomac@masterbuilders.com).

Scan QR code to visit the product page and download the latest version of this technical data sheet and any additional documentation.



## Disclaimer

Since 16/12/1992, Master Builders Solutions Italia Spa has been operating under a Certified Quality System compliant with the UNI EN ISO 9001 Standard. Furthermore, the Environmental Management System is certified according to the UNI EN ISO 14001 Standard and the Safety Management System is certified according to the UNI ISO 45001 Standard.

For further information, please consult the local Technician of Master Builders Solutions. The technical advice on how to use our products, either written or verbally given, are based on the current state of our scientific and practical expertise, and does not imply the assumption of any guarantee and/or responsibility for the final results of works executed using our products.

Therefore, the customer is not exempted from the exclusive task and responsibility of verifying the suitability of our products for the intended use and purposes.

This version supersedes all the previous ones.

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