

MasterFinish® SRT 426

Solvent free surface deactivator (Surface Retarder) for negative application for the manufacturing of exposed aggregate concrete.

DESCRIPTION

MasterFinish SRT 426 is an aqueous dispersion of high-grade active components free of organic solvents. After application it forms a soft but stable film on the formwork. After demoulding the film remains on the concrete surface or on the formwork where it can be removed easily. A range of four graded types marked by colour codes are available:

- **Yellow:** exposure depth: 0.1-0.5 mm
- **Green:** exposure depth: 1.0-2.0 mm
- **Pink:** exposure depth: 2.0-3.0 mm
- **Grey:** exposure depth: 3.0-6.0 mm

TYPICAL APPLICATIONS

MasterFinish SRT 426 may be applied for architectural concrete where excellent surface finishes and high reproducibility are required. It should preferably be used on mould surfaces (negative) application.

MasterFinish SRT 426 is ideal for all types of concrete guaranteeing perfectly washed surfaces, especially for all horizontal and vertical, smooth, structured or bevelled with formwork types such as word, steel or polymer.

ADVANTAGES

MasterFinish SRT 426 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 clean formwork/moulds.

The high-quality effect of **MasterFinish SRT 426** allows a wash-out time from 16 hours. The immediate wash-out after the stripping of the forms guarantees uniform edges.

- For excellent surface finish
- Solvent free and environmental friendly
- Speeds up the production process by shortening the cleaning times of the forms
- Reliable function under difficult application conditions
- Easy and economical application

PACKAGING

MasterFinish SRT 426 is packed in containers of 20 kg.

TYPICAL PROPERTIES*

Appearance	depending on the depth of exposure
Volatile Organic Compound (VOC)	78 g/L

APPLICATION GUIDELINES

The choice of the right type of **MasterFinish SRT 426** should be made by pilot trials in the production.

MasterFinish SRT 426 has to be thoroughly mixed with a paddle before use.

For negative applications **MasterFinish SRT 426** has to be applied preferably with a foam roller or a spraying unit economically but evenly onto the formwork/mould surface as one or two coats.

The drying time depends on the thickness of the film and the ambient temperature and humidity.

As example the drying time at 25°C and 60% rel. humidity is typically:

Spraying application	20-45 min
Foam roller	30-90 min

The hardening process of the concrete should not start before 60 minutes after pouring. Heating of the forms should not start before 60 minutes after consolidation. All data from proving trial should be transmitted exactly to the manufacturing process.

Vibration respectively consolidation times as short as necessary. Ideal vibration times have to be determined during trials.

The wash-out normally takes place after 16 hours. The wash-out can be done most efficiently by high pressured water.

MasterFinish® SRT 426

COVERAGES / YIELD

1 kg for approx. 8-12 m² per coat depending on the type of formwork and its absorption.

STORAGE AND SHELF LIFE

Protect from freezing and store out of direct sunlight. Storage temperatures should not exceed 50°C.

If stored in original sealed containers **MasterFinish SRT 426** has a shelf life of 12 months.

HEALTH AND SAFETY

No special requirements need to be observed during use of **MasterFinish SRT 426**. Do not eat, drink or smoke during the application. Protection gloves and glasses are recommended.

MasterFinish SRT 426 is not subject of any special regulations for transportation and shipping.

For details please observe the Material Safety Data Sheet.

QUALITY AND CARE

All products originating from Master Builders Solutions Dubai, UAE facility are manufactured under a management system independently certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001 and ISO 14001.

* Properties listed are based on laboratory controlled tests.

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