

PRODUCT DATA SHEET

Sika® Rugasol® SRT 426

(formerly MFinish SRT 426)

Surface retarder for exposed aggregate finishes

DESCRIPTION

Sika® Rugasol® 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.

It is available as per the below grade and color:

- Grey: exposure depth: 3.0–6.0 mm

Suitable for use in hot and tropical climatic conditions.

USES

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

Sika® Rugasol® SRT 426 is ideal for all types of concrete where washed surfaces are required, especially for all horizontal and vertical, smooth, structured or bevelled with formwork types such as wood, steel or polymer.

FEATURES

- Improved exposed surface of concrete.
- Easy to apply due to its low viscosity.
- Economical application
- Reliable function under difficult application conditions.
- Dries quickly, is resistant against humidity and abrasion and can be applied on all types of clean formwork/moulds.
- Faster production process; the high-quality effect of Sika® Rugasol® SRT 426 allows a wash-out time from 16 hours. The immediate wash-out after the stripping of the forms helps having uniform edges.
- Total solids and environmental friendly

PRODUCT INFORMATION

Packaging	20 kg containers
Shelf life	12 months from date of production if stored properly
Storage conditions	Store in undamaged, unopened, original sealed packaging in dry conditions at temperatures between +5°C and +50°C. Protect from direct sunlight and frost.
Appearance and colour	Grey liquid
Density	~1.18 kg/l (+25 °C)
Volatile organic compound (VOC) content	~78 g/l

APPLICATION INFORMATION

Yield	1 kg for ~8–12 m ² per coat depending on the type of formwork and its absorption
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BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

IMPORTANT CONSIDERATIONS

Trials are recommended to establish consumption requirements to achieve the required effect especially in variable ambient temperatures.

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

EQUIPMENT

Foam roller or a spraying unit

MIXING

Sika® Rugasol® SRT 426 has to be thoroughly mixed with a paddle before use.

APPLICATION

For negative applications Sika® Rugasol® 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 an example, the drying time at 25°C and 60% relative 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.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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ISO 9001, 14001, 45001 – SGS
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- Sika MB Construction Chemicals LLC
- Sika Construction Chemicals for Manufacturing LLC
- Master Builders Solutions LLC

All products are supplied under a management system certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001, ISO 14001 and ISO 45001.



SikaRugasolSRT426-en-AE-(11-2024)-2-1.pdf

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November 2024, Version 02.01

02140500000002087

