

# PRODUCT DATA SHEET

## Sika® Separol® W-320 S

Economical water based mold release agent

### PRODUCT DESCRIPTION

Ready to use, solvent free concrete release agent. It is an emulsion, based on a refined mineral oil.

### USES

Smooth non-absorbent formwork  
 Absorbent formwork  
 Heated formwork (up to 70 °C)  
 Textured formwork

### CHARACTERISTICS / ADVANTAGES

- Low viscous
- Excellent 'sticking' ability on vertical mold surfaces
- Self-leveling after spray application
- High pore suppressing
- No combustible vapor
- No creation of resin
- Reduced 'dusty' residues on the formwork
- Safe for the operatives to handle
- Easy and precise separation of the formwork from the hardened concrete
- High quality surface finish
- No reduction of the concrete quality at the surface
- Protection of formwork from steel corrosion and early ageing

### TESTS

### APPROVAL / STANDARDS

QC/QA standard testing

### PRODUCT DATA

#### FORM

#### COLOURS

Liquid, milky white

#### PACKAGING

Plastic Can: 20 Kg

Drum: 200 Kg

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**STORAGE****STORAGE CONDITIONS / SHELF-LIFE**

6 months from date of production if stored properly in original unopened, sealed and undamaged packaging in cool and dry conditions at temperatures between +5°C and +25°C. Protect from direct sunlight, frost and contamination.

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**TECHNICAL DATA****DENSITY**

0.98 kg/l (at +20°C)

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## System Information

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**APPLICATION DETAILS****CONSUMPTION / DOSAGE**

Material yields 140 m<sup>2</sup>/Kg for non absorbent formwork (e.g. steel or plastic)

**AMBIENT TEMPERATURE**

+5°C min. / +50°C max.

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**APPLICATION INSTRUCTIONS****NOTES ON APPLICATION / LIMITATIONS**

Before application, Sika® Separol® W-320 S should be thoroughly stirred.

Sika® Separol® W-320 S is a ready to use.

Do not dilute or mix it with other materials!

The molds should be dry and clean.

Any residues of rust and concrete must be removed.

Sika® Separol® W-320 S is applied in thin, uniform layers having a fine, white dotted appearance, covering the complete surface (an additional application may be necessary in case of highly absorbent formwork).

We recommend the use of a special spray gun with an operating pressure of 3-6 bar and a flat spraying nozzle.

Accumulations of Sika® Separol® W-320 S should be avoided. Any excess should be wiped off using a cloth or sponge.

After application, an evaporation period of 20 minutes at +20°C should be observed.

Before concreting preliminary tests are recommended to optimize the procedure for each project.

**VALUE BASE**

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

**LOCAL RESTRICTIONS**

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

**HEALTH AND SAFETY INFORMATION**

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

## 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. It may be necessary to adapt the above disclaimer to specific local laws and regulations. **Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.**

### Version given by Sika Near East s.a.l.

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Product Data Sheet  
Sika® Separol® W-320 S  
Feb 2020, V 2  
TDS / TM Concrete / Others

English/Lebanon  
Released TDS