

## PRODUCT DATA SHEET

# Sika® Separol®-320 WS

### ECONOMICAL WATER BASED MOLD RELEASE AGENT

#### DESCRIPTION

Sika® Separol®-320 WS is a ready to use, solvent free concrete release agent. It is an emulsion, water based. Suitable for use in hot and tropical climatic conditions.

#### USES

Sika® Separol®-320 WS can be applied on sites and in precast plants.

It has been specially developed for use on:

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

#### CHARACTERISTICS / ADVANTAGES

Sika® Separol®-320 WS has the following characteristics:

- Low viscous
- Excellent 'sticking' ability on vertical mould surfaces
- Self leveling after spray application
- High pore suppressing
- No combustible vapor
- Safe for the operatives to handle.

This provides the following advantages:

- 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

#### PRODUCT INFORMATION

<b>Composition</b>	Water based, miscible in water
<b>Packaging</b>	Plastic Can: 20 kg Drum: 200 kg IBC: 1000 kg
<b>Appearance / Colour</b>	Liquid, milky white
<b>Shelf life</b>	
<b>Storage conditions</b>	12 months from date of production if stored properly in original, unopened, undamaged packaging. Protect from frost, direct sunlight and contamination. Opened units should be stored closed.
<b>Density</b>	0.95 kg/l (+20°C)

#### APPLICATION INFORMATION

<b>Consumption</b>	Sika® Separol®-320 WS yields and efficiency depend on application circumstances and used formwork, of up to 140 m <sup>2</sup> /kg for non absorbent formwork (e.g. steel or plastic).
<b>Ambient Air Temperature</b>	+5°C min. / +50°C max.

# APPLICATION INSTRUCTIONS

## APPLICATION

Before application of Sika® Separol®-320 WS, the mould should be dry and clean. Any residues of rust and concrete must be removed. Sika® Separol®-320 WS 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 (01 F 110 i.e. 652.307 or 652.245). Accumulation of Sika® Separol®-320 WS 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.

## 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.

## 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 the exact product data and uses.

# ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) 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.

### SIKA NORTHERN GULF

Bahrain / Qatar / Kuwait  
Tel: +973 177 38188  
sika.gulf@bh.sika.com  
gcc.sika.com

### SIKA SOUTHERN GULF

UAE / Oman / SIC  
Tel: +971 4 439 8200  
info@ae.sika.com  
gcc.sika.com

### SIKA SAUDI ARABIA

Riyadh / Jeddah / Dammam  
Tel: +966 11 217 6532  
info@sa.sika.com  
gcc.sika.com



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Sika Gulf B.S.C. (c),  
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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 OHSAS 18001.

### Product Data Sheet

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