

## Sika® Separol® W-320 S

Economical water based mold release agent

**Product Description** Sika® Separol® W-320 S is a ready to use, solvent free concrete release agent. It is an emulsion, based on a refined mineral oil.

**Uses** Sika® Separol® W-320 S 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® W-320 S has the following characteristics:

- Low viscous
- Excellent 'sticking' ability on vertical mould 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.

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

**Tests** Sika® Separol® W-320 S is tested according to Sika® internal testing procedures.

### Product Data

#### Form

**Appearance/color** Liquid, milky white

**Packaging**

Plastic Can:	20 Kg
Drum:	200 Kg
IBC:	1000 Kg

#### Storage

**Storage conditions / Shelf-life** 6 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.

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**Technical Data**

<b>Chemical Bases</b>	Refined mineral oils, miscible in water
<b>Density</b>	0.95 Kg/L (at +20°C)

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**System  
Information**

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**Application details**

<b>Consumption</b>	Sika® Separol® W-320 S 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)
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**Application  
Conditions /  
Limitations**

**Ambient temperature** +5°C min. / +50°C max.

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**Application  
Instructions**

**Notes on Application / Limitations** Before application of Sika® Separol® W-320 S, the mould 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 (01 F 110 i.e. 652.307 or 652.245)

Accumulation 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.

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**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

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<b>Local Restrictions</b>	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.
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<b>Health and Safety Information</b>	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.
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<b>Legal Notes</b>	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 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 proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users should always refer to the most recent issue of the Technical Data Sheet for the product concerned, copies of which will be supplied on request.
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