

## PRODUCT DATA SHEET

# Sika® Separol® W-140

Vegetal water based concentrated mould release agent

## DESCRIPTION

Sika® Separol® W-140 is a solvent and mineral oil free concrete release agent concentrate. It is an emulsion, based on biological degradable vegetal oil.

## USES

Sika® Separol® W-140 can be applied on construction sites for use on:

- Smooth non-absorbent formwork
- Absorbent formwork

## CHARACTERISTICS / ADVANTAGES

Sika® Separol® W-140 can be utilized on construction sites due to its high rain resistance and low photo-degradation characteristics.

Sika® Separol® W-140 has the following characteristics:

- Low viscous
- Excellent 'sticking' ability on vertical mould surfaces
- Self leveling after spray application
- Highly pore suppressing
- No combustible vapor
- No creation of resin
- Reduced 'dusty' residues on the formwork
- Safe for the operatives to handle
- Environmentally friendly

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

## APPROVALS / STANDARDS

Sika® Separol® W-140 is tested according to Sika® internal testing procedures.

## PRODUCT INFORMATION

Chemical base	Vegetal oils, miscible in water
Packaging	Drum: 210 liter IBC: 1000 liter
Appearance / Colour	Liquid, milky white
Shelf life	9 months from date of production if stored properly in original unopened undamaged and sealed packaging.
Storage conditions	Protect from frost, direct sunlight and contamination. Opened units should be stored closed. Storage temperature 5°C – 50°C

## APPLICATION INFORMATION

Consumption	Sika® Separol® W-140 yields an efficiency, depending on application circumstances and used formwork, of up to ~ 120 m <sup>2</sup> /kg for non absorbent formwork (e.g. steel or plastic).
Ambient air temperature	+5°C min. / +50°C max

## BASIS OF PRODUCT DATA

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.

## 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

### APPLICATION

Before application, it should be thoroughly stirred. The moulds should be dry and clean.

Any residues of rust and concrete must be removed before application.

Sika® Separol® W-140 is applied in thin layers with 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). It can be applied with brush and roller.

Accumulations of Sika® Separol® W-140 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.

## 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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August 2025, Version 01.01  
021405021000000172

SikaSeparolW-140-en-IN-(08-2025)-1-1.pdf