

PRODUCT DATA SHEET

Sika® Separol® W-161

EMULSION BASED RELEASE AGENT FOR PRECAST PLANTS AND CONSTRUCTION SITES

DESCRIPTION

Sika® Separol® W-161 is a ready-to-use, low viscous and easily biodegradable concrete release agent emulsion.

USES

- For standard concrete, easy to compact concrete and self-compacting concrete
- Steel, coated wood, resin and plastic shuttering
- Absorbing shuttering
- Structured shuttering
- Suitable for vibration and shaking compaction

CHARACTERISTICS / ADVANTAGES

Sika® Separol® W-161 is a ready to use, solvent-free release agent based on renewable resources raw with chemical and physical separation behaviour.

Sika® Separol® W-161 has the following properties:

- Low viscosity
- Good adhesion of the separating film on vertical shuttering
- Self-levelling after spray application
- Strong pore suppression
- No flammable vapours
- No gum formation
- Easily biodegradable
- Easy to be handled

Sika® Separol® W-161 causes:

- Easy and clean separation of the concrete from the shuttering
- Optically perfect concrete surfaces
- Protects the shuttering against corrosion and premature ageing

PRODUCT INFORMATION

Composition	Synthetic esters based on vegetable oil
Packaging	Drum: 190 kg Replacement container: 950 kg
Appearance / Colour	Liquid / White
Shelf life	Minimum shelf live of 4 months with proper storage.
Storage conditions	Protect against frost and strong sunlight. Store opened containers closed.
Density	0,97 g/cm ³ at +20° C
Solubility	miscible with water

APPLICATION INFORMATION

Consumption

1 kg of Sika® Separol® W-161 is sufficient for:
Approx. 130 m² non-absorbing shuttering (e.g. steel and coated system shuttering).

APPLICATION INSTRUCTIONS

- 5 - 80°C processing temperature (by means of an antifreeze protection even at temperatures below 0°C). The shuttering surface to be treated must be clean and dry. Rust and concrete residues must be removed. The product will be applied thinly using the Sika high-pressure sprayer with 4 - 6 bar operating pressure and a flat-jet nozzle in order to achieve a closed film on the surface. After application a flash-off time of approx. 10 minutes (depending on temperature and air humidity) must be complied with. If after the application of the release agent there are still puddle-type surpluses on the shuttering, then these must be removed with a cloth or rubber scraper. It is advantageous to wipe the shuttering with a cloth/washing mop after having applied the spray. Execute a suitability test before utilisation.

IMPORTANT CONSIDERATIONS

GISCODE: BTM 15

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. Further notes and information data sheets on product safety and disposal can be found on the Internet at www.sika.de.

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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