

PRODUCT DATA SHEET

Sika® Separol®-230 AE

Vegetable oil emulsion based release agent

DESCRIPTION

Sika® Separol®-230 AE is ready to use, vegetable oil based, mould release agent that provides smooth concrete surfaces and easy separation of the moulds from concrete by preventing adherence between freshly placed concrete and the moulds.

USES

Sika® Separol®-230 AE is formulated for application to plywood, steel and plastic faced formwork and moulds, prior to casting concrete, to ensure a clean and fast release.

FEATURES

- Easy and clean striking of formwork
- Extends the life of the formwork
- High quality surface finish
- Lower contamination on concrete surfaces without negative effect on appearance
- Reduced formwork costs and workmanship
- Ready to use without dilution
- Easy to apply
- Reduces corrosion on steel formworks and early ageing.
- Lower environmental risk

PRODUCT INFORMATION

Composition	Vegetable oil based liquid
Packaging	Drums or 1,000 L flowbins
Appearance and colour	Milky white liquid
Shelf life	12 months from date of production if stored properly
Storage conditions	Store in undamaged, unopened, original sealed packaging in dry conditions at temperatures between +5 °C and +50 °C. Mix well before use.
Density	~0.97 kg/l (+25 °C)

APPLICATION INFORMATION

Consumption

On non-absorbent surfaces (steel, plastic etc.) approximately 60 m² surface can be coated with 1 liter product by spraying. In case of brush/roller application approximately 30 m² surface can be coated with 1 liter product.

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.

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

- Before application of mould release agent, the moulds should be dry and clean, concrete and rust residues must be removed.
- Sika® Separol®-230 AE is ready to use so it doesn't need to stir continuously but also it is recommended to shake it before using.
- The application can be carried out one homogenous coat with brush, roller or spray. In order to achieve maximum benefit, the product should be applied by a very fine fog spray in order to allow its highly effective and efficient performance to be maintained.
- Only a thin film of the product is required to ensure maximum performance. Excess application may cause staining. Any excess should be wiped off using a cloth or sponge.
- 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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ISO 9001, 14001, 45001 – SGS:
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- Sika International Chemicals LLC
- Sika Gulf B.S.C. (c)
ISO 9001, 14001 – SGS:
- Sika Saudi Arabia Limited
ISO 9001, 14001 – TÜV:
- Sika UAE LLC (Branch)
ISO 9001 – SGS:
- Sika MB LLC

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 ISO 45001.



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July 2026, Version 01.01

021405021000265120

SikaSeparol-230AE-en-AE-(07-2026)-1-1.pdf