

## PRODUCT DATA SHEET

## Sika® Separol®-205

Oil based, anti-corrosive shutter release agent

**DESCRIPTION**

Chemical release mould and shutter faces prior to casting concrete in order to achieve a clean release. After removal of the formwork, the resultant concrete has a smooth, hard, uniform finish, with reduced incidence of blow holes.

Low viscosity hydrocarbon carrier blended with a chemically active release agent.  
Suitable for use in hot and tropical climatic conditions.

**USES**

- Steel shuttering
- Plywood shutters
- High density plastic shutters

**FEATURES**

- Sika® Separol®-205 exhibits a smooth, hard, and uniform finish.
- Sika® Separol®-205 has no negative effect on the properties of concrete.
- It will not impair the adhesion of subsequent surface treatments when applied at the recommended coverage rates.
- Allows clean, easy striking
- Extends the life of formwork
- Improved finish for fair faced concrete
- Reduces concrete contamination
- Economical to use
- Extended surface retention, long-lasting film on formwork surface for over 48 hours without the need for reapplication.

**PRODUCT INFORMATION**

Composition	Blend of oil based products
Packaging	1000L IBC, 200 L Drum, 20Kg and 5Kg Gal.
Appearance and colour	Clear to yellowish brown 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 using.
Density	~0.88±0.1 kg/l (+25 °C)
Total chloride ion content	Nil

**APPLICATION INFORMATION**

Consumption	The coverage rate for Sika Separol®-205 is between 20 to 70 m <sup>2</sup> /L when spray applied depending on the smoothness, type and porosity of the formwork used.
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## 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.

## IMPORTANT CONSIDERATIONS

Excess application will tend to run down on vertical surfaces and pond at the bottom. Remove excess material using a dry cloth or sponge. Over application may lead to staining of the hardened concrete. After application to surfaces protect them from rain for at least 2 - 3 hours.

## 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

Apply before the first casting and thereafter re-apply immediately after stripping and cleaning the mould. Shutter surfaces must be clean and free from moisture, dirt and laitance. Lightweight horticultural sprayers are ideal as Sika® Separol®-205 is finely atomised to give a uniform coating. Excessive application should be avoided. Alternatively, application may be made by a fine haired brush, only a very thin coating should be made and any excess removed. If after the first application, the Sika® Separol®-205 is completely absorbed into new timber or plywood, a further application should be made before filling the moulds or formwork.

## CLEANING OF EQUIPMENT

Sika® Separol®-205 may usually be left in spray guns or sprayers without detriment, but with certain types, there may be some softening of rubber seals with prolonged contact.

## 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.