

PRODUCT DATA SHEET

Sika® Separol®-202

(formerly 202)

Solvent based, ready-to-use, form-release agent

DESCRIPTION

Chemical release agent suitable for 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. Sika® Separol®-202 can be applied to the formwork by spray in the form of a light uniform mist coating.

USES

- Prestressed, precast, and pipe plants
- RCC structures

Sika® Separol®-202 is well suited for shutter faces made from wood, steel, fibreglass, aluminium & paper.

Sika® Separol®-202 reacts chemically with cement to impart excellent release properties to treated surfaces. Concrete cast against surfaces coated with Sika® Separol®-202 exhibit a smooth, hard, uniform finish.

Sika® Separol®-202 has no negative effect on the properties of concrete nor will it impair the adhesion of subsequent surface treatments when applied at the recommended coverage rates.

Suggested Specification

The form-release agent shall be Sika® Separol®-202, a chemical release agent in solvent carrier.

The product shall be in ready to use form, quick-drying type and shall be based on selective blend of chemically active release agents in low viscosity hydrocarbon carrier. The product shall have viscosity less than 0.85 and shall be free of chlorides.

CHARACTERISTICS / ADVANTAGES

- Water-resistant chemical barrier – Ensures fast, clean stripping of forms
- No residue transfer – Stain-free & less voids
- Does not harm concrete – Compatible
- Alkali resistant – Protects aluminium forms
- Safe for wood fibres – Extends service life
- Ready to use
- Placement up to 4 weeks before concrete
- Rapid drying – Immediate placement

PRODUCT INFORMATION

Packaging	205 litre drum
Appearance / Colour	Clear free flowing liquid
Shelf Life	12 months from date of production
Storage Conditions	Store properly in undamaged and unopened original sealed packaging in cool and dry conditions. Protect from direct sunlight and frost.
Specific gravity	0.830 ± 0.02 kg/litre

APPLICATION INFORMATION

Recommended Dosage

- The coverage rate for Sika® Separol®-202 is 30 to 70m²/litre when spray applied depending on smoothness and porosity of the formwork used.
- Progressively better results are obtained on plywood and timber moulds as they become impregnated and the operatives become accustomed to working with the release agent.

Dispensing

- Apply before the first casting and thereafter re-apply immediately after stripping and cleaning the mould.
- Lightweight horticultural sprayers are ideal as Sika® Separol®-202 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®-202 is completely absorbed into new timber or plywood, a further application should be made before filling the moulds or formwork.
- Coat forms liberally before storing to keep rust free. To return forms to service, sweep down and recoat with Sika® Separol®-202.
- Equipment care : Sika® Separol®-202 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.

Compatibility

- Sika® Separol®-202 in general, may be used over timber moulds. etc., which has been treated with other mould oils, provided excess has been removed.

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

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 (MSDS) containing physical, ecological, toxicological and other safety-related data.

LOCAL RESTRICTIONS

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.

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. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

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