

PRODUCT DATA SHEET

Sika® Separol® N

FORM RELEASE AGENT FOR GENERAL USE

DESCRIPTION

Sika® Separol® N is a mineral oil based, low viscosity, ready to use form release agent which provides complete release of concrete or grout from smooth formwork. It does not stain, extends the life of the formwork and provides a good quality aesthetic concrete finish.

USES

- Form release agent on absorbent and non-absorbent formwork
- Providing a good quality aesthetic finish on cast and pre-cast concrete
- Extending the life of formwork

CHARACTERISTICS / ADVANTAGES

- Ready to use
- Good efficiency due to low viscosity
- Non corrosive
- Easy to apply
- Fast stripping and cleaning of formwork
- Extends life of formwork
- Ensures fair faced concrete finish which makes it ideal for architectural concretes.
- Reduces air bubbles which may appear on concrete surfaces
- Economical consumption
- Suitable for application to formwork used in heat treatment of precast concrete and highly heated segments (Formwork up to +70 °C)
- All types of concrete
- Resistant to vibration

PRODUCT INFORMATION

Packaging	20 lt containers, 200 L drum, 1000 lt IBC
Appearance / Colour	Liquid / yellow
Shelf life	12 months from date of production
Storage conditions	The product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +30 °C. Always refer to packaging.
Density	~0,90 kg/l (±0,05 kg/l)

APPLICATION INFORMATION

Consumption	Wooden formwork	~15–22 m ² /L
	Metal or plastic formwork	~31–60 m ² /L
Consumption depends on the roughness and absorbency of the formwork. These figures are theoretical and do not allow for any additional material due to surface porosity, surface profile, variations in level or wastage, e.t.c.		

APPLICATION INSTRUCTIONS

APPLICATION

Reference must be made to further documentation where applicable, such as relevant method statement, application manual and installation or working instructions.

Surface preparation

All surfaces to be coated with Sika® Separol® N must be clean and free from dirt, dust, grease and any remaining concrete or grout residue. Steel formwork must be dry. Used formwork must be cleaned before using Sika® Separol® N.

Application

Apply a single, uniform and continuous thin layer of Sika® Separol® N on the full area of dry or damp formwork using a brush, roller or spray equipment. For architectural aesthetic concrete finishes, consumption may need to be adjusted.

A preliminary trial must be carried out before full application in all situations.

Equipment and tool maintenance

Removal of fresh remnants from tools and application equipment can be carried out using solvent, dissolvent or petroleum immediately after use. Hardened material can only be removed mechanically.

IMPORTANT CONSIDERATIONS

- Protect freshly applied Sika® Separol® N from rain for at least 1 hour. When dry it is weather resistant.
- Cleaning the formwork surface between each use and before applying release agent is essential to prevent the formation of hardened concrete "build up".
- During application, in confined areas, ditches, shafts, etc adequate ventilation must be provided.
- During application, open fire and other igniting agents (e.g. welding works) are not allowed.
- Wear suitable protective equipment during application.
- Avoid Sika® Separol® N leaking onto open ground or into drains and watercourses.

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.

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Product Data Sheet
Sika® Separol® N
September 2019, Version 03.01
021405021000000032

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.

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.

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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