

PRODUCT DATA SHEET

Sika® Release Oil

READY TO USE FORMWORK RELEASE AGENT

PRODUCT DESCRIPTION

A ready to use formwork release agent suitable for mould and shutter faces prior to casting concrete in order to achieve a clean release after removal of formwork. The resultant concrete has a smooth uniform finish with reduced incidence of blow holes.

USES

As a sprayable/brushable release agent for smooth non-absorbent formwork, absorbent formwork, heated formwork (up to 70°C) and textured formwork.

CHARACTERISTICS / ADVANTAGES

- Excellent 'sticking' ability on vertical mould surfaces
- Self-levelling after spray application
- Non-combustible vapour
- Reduced 'dusty' residues on the formwork
- Safe for the operatives to handle
- Easy and precise separation of the formwork from the hardened concrete
- High quality surface finish
- Protection of formwork from steel corrosion and early aging

PRODUCT INFORMATION

Packaging	5ltr jerry
Shelf Life	6 months from date of manufacture when stored in undamaged, unopened original containers.
Storage Conditions	Store in dry conditions at temperatures between +5°C and +25°C. Protect from direct sunlight and frost. If frozen and/or if precipitation has occurred, the product may be used after thawing slowly at room temperature followed by intensive remixing.
Density	ca. 0.97 g/cm ³
pH-Value	8.0 ± 1.0

APPLICATION INFORMATION

Consumption	Average coverage 50-60 m ² /litre for steel and plastic 40-50 m ² /litre for coated plywood 20-30 m ² /litre for untreated timber
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APPLICATION INSTRUCTIONS

APPLICATION

All formwork should be clean and dry before application, with any residues of rust or concrete removed. Stir thoroughly before application. Apply undiluted by spray, brush or roller ensuring a thin and even coverage. Care should be taken to avoid over application which can result in dusting of the concrete surface. Any excess material in the bottom of the moulds should be mopped up prior to the placement of the concrete. For new and unsealed timbers or other highly absorbent formwork, pre-treatment is recommended with a second coat prior to use. After application, an evaporation period of 20 minutes (at +20°C) should be observed prior to casting.

LIMITATIONS

Only apply a thin film. Overdosing can cause dusting.

VALUE BASE

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

Consult MSDS for full list of hazards.

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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