

PRODUCT DATA SHEET

Sika® Release Oil

Ready to use formwork release agent

PRODUCT DESCRIPTION

A ready to use formwork release agent which can be applied by spray, brush or roller. 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

- All common mould surfaces including wood, metal, polypropylene, ABS, polyurethane and other plastics which are susceptible to long term damage by conventional release agents.
- Pre-cast or in situ concrete.
- Absorbent and non-absorbent formwork.
- Heated formwork (up to 70 °C).
- 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	5 L jerry can.
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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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.

LIMITATIONS

Only apply a thin film. Overdosing can cause dusting

ECOLOGY, HEALTH AND SAFETY

Local safety regulations must be observed and it advisable to wear PPI when working with this product with particular attention paid to cutting and handling. Transportation Class: The product is not classified as hazardous good for transport. Disposal: The material is recyclable. Disposal must be according to local regulations. Please contact your local Sika sales organisation for more information.

APPLICATION INSTRUCTIONS

APPLICATION

- All formwork should be clean and dry before application, with any residues of rust or concrete removed. Stir thoroughly before application.
- Before casting, apply a thin and uniform film of Sika® Release Oil to the clean, dry formwork or mould, ensuring that the entire area is covered. This can be done by brush, but a finely atomised spray coating is the best method. Any excess should be removed prior to casting the concrete.
- Once the formwork or mould has been removed, immediately clean and reapply Sika® Release Oil.
- Pretreatment with a second coat prior to use is recommended on new and unsealed timber.
- After application, an evaporation period of 20 minutes (at +20 °C) should be observed prior to casting.

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.

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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Product Data Sheet

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