

Product Data SheetEdition 0606 / 1
Sika® Formol-EX

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Chemical form release agent

Construction**Product Description**

Sika® Formol-EX is a chemical release agent for use on both timber and steel moulds. It is designed and formulated to function as a bondbreaker between formwork or moulds and freshly placed concrete. Sika® Formol-EX offers protection to both steel and timber formwork as it acts as a rust inhibitor and waterproofer.

Uses

Sika® Formol-EX can be used with excellent effect on formwork designed to produce all types of finishes, from fair-faced to textured. Sika® Formol-EX has been found to assist in the protection of equipment used in the handling and placing of concrete. A thin coating on bowls, barrows, skips, shovels, etc. will make these easier to clean and protect against corrosion.

Characteristics / Advantages

- Equally effective on both steel and timber moulds
- It allows for fast and easy striking of formwork
- Economical and easy to apply through conventional spray equipment
- Highly stable during placement and vibration of concrete
- Does not stain or contaminate the finished concrete surface
- Regular use will help to reduce the incidence of rust on steel moulds
- It has no unpleasant odour

Product Data**Form****Appearance / Colour** Dark brown liquid**Packaging** 200 litre drums**Storage****Storage Conditions / Shelf Life** Unlimited if stored properly in original, unopened and undamaged packaging in dry conditions at temperatures between +5°C and +30°C.**Technical Data****Chemical Base** Oil base**Specific Gravity** ~ 0.80**Flash Point** > 65°C

System Information

Application Details

Coverage	Sika® Formol-EX should be applied at the following stated coverage rates to obtain a thin and even film over the entire surface of the mould or formwork: <ul style="list-style-type: none"> ■ Timber Formwork ~ 1 litre per 19 m² (0.05 litre per m²) ■ Metal Formwork ~ 1 litre per 30 m² (0.03 litre per m²)
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Substrate Preparation	All surfaces to be coated with Sika® Formol-EX must be clean and free from grease, dirt and old concrete.
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Application Instructions

Application Method / Tools	The optimum method of application is by conventional spray equipment. However, a brush or roller can also be used. Any excess liquid remaining on the surface after application should be mopped off. Allow 1 – 3 hours to dry before pouring concrete. Sika® Formol-EX is supplied ready to use and should not be diluted.
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Cleaning of Tools	Clean all tools and application equipment with water immediately after use. Hardened/cured material can only be mechanically removed.
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Notes on Application / Limitations	<ul style="list-style-type: none"> ■ Treated formwork should not be left exposed to heavy weathering or dust accumulation for long periods. ■ New unsealed timber may initially require 2 – 3 coats of Sika® Formol-EX. ■ Only a thin film of the product is required to ensure maximum performance. Excess application may cause staining. ■ Sika® Formol-EX is flammable and should not be used near naked flames.
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Value Base	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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Health and Safety Information	For information and advice on the safe handling, storage and disposal of chemical products, users should refer to the most recent Material Safety Data Sheet (available on request) containing physical, ecological, toxicological and other safety-related data.
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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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