

PRODUCT DATA SHEET

Sika® Separol® W-398 KH

WATER BASED FORMWORK RELEASING AGENT

DESCRIPTION

Sika® Separol® W-398 KH is a concentrate emulsified blend of purified mineral oil and non-hazardous chemicals, specially formulated to produce release properties which are superior to those of conventional mould oils.

The chemically reactive components in Sika® Separol® W-398 KH provide a slightly water repellent interface which protects formwork and ensures a uniform colour and texture in the cast concrete.

USES

Sika® Separol® W-398 KH provides clean and easy stripping of formwork particular on to steel and timber formwork. In addition to prevent adhesion of concrete to formwork, Sika® Separol® W-398 KH will allow air to escape from the interface during concrete placing and vibration. The release of air minimizes surface blemishes and blow holes resulting in a substantial reduction in remedial cost.

FEATURES

Sika® Separol® W-398 KH provides the following properties :

- Non-Hazardous, Non-Toxic
- Non-Staining
- Ensures high quality fair-faced concrete
- Minimizes cleaning of shutters before use
- Does not rust steel moulds or equipment
- Can be used for all types of moulds and shutter faces
- Suspension and sediment free
- Job site mix
- Cost effectiveness depends on suitable proportion
- Over coat panting

PRODUCT INFORMATION

Packaging	200kg drum / 25kg Pail
Appearance and colour	White Opaque Liquid
Shelf life	2 years if stored properly in original unopened packaging.
Storage conditions	Stored in dried conditions, protected from direct sunlight, rain and at temperatures between +5°C and +35°C.
Density	0.97 ± 0.1kg/l at 25 °C

APPLICATION INFORMATION

Consumption	Coverage rate is dependent upon the porosity of mould, material and degree of its cleanliness but normally 20-25m ² /L.
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BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

ECOLOGY, HEALTH AND SAFETY

APPLICATION INSTRUCTIONS

For new moulds, no preparation is necessary although untreated new timber may require more than one coat.

For used moulds, all traces of cement must be removed together with any surface deposits of previous oils, dust, etc.

Sika® Separol® W-398 KH may be applied by brush or conventional mould oil sprayer. If a mould oil sprayer were used, it would be important that a fine nozzle is fitted as Sika® Separol® W-398 KH should be applied in a light continuous film. If Sika® Separol® W-398 KH were applied in excess, the material should be allowed to drain and then carefully removed from the bottom of the mould by means of sponge or cloth. The mould surface with this excess quantity could be brushed to have a uniform spread of film.

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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