



## PRODUCT DATA SHEET

# Sika® Separol® W-319 WMR1

### WAX MODIFIED FORMWORK RELEASE AGENT

#### DESCRIPTION

Sika® Separol® W-319 WMR1 is a emulsified blend of aqueous wax and non-hazardous chemicals, specially formulated to produce release properties which are superior to those of conventional mould oils. Sika® Separol® W-319 WMR1 is supplied as a sprayable white liquid ready for direct application on site. The chemically reactive components in Sika® Separol® W-319 WMR1 provide a slightly water repellent interface which protects formwork and ensures a uniform colour and texture in the cast concrete.

#### USES

Sika® Separol® W-319 WMR1 when applied to steel and timber formwork, provides clean and easy stripping of formwork. In addition to prevent adhesion of concrete to formwork, Sika® Separol® W-319 WMR1 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.

#### CHARACTERISTICS / ADVANTAGES

Sika® Separol® W-319 WMR1 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
- Easy to apply

#### PRODUCT INFORMATION

Packaging	200 l/drums
Appearance / Colour	Milky White Liquid
Shelf life	6 months when unopened
Storage conditions	Protect from direct sunlight and rain
Density	0.96± 0.01 l

#### APPLICATION INFORMATION

Consumption	Coverage rate is dependent upon the porosity of mould material and the degree of its cleanliness but is normally 20-25 m <sup>2</sup> /litre.
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# APPLICATION INSTRUCTIONS

## APPLICATION

*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-319 WMR1 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-319 WMR1 should be applied in a light continuous film. If Sika® Separol® W-319 WMR1 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.

## 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.

## 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

## 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.

**Sika (Thailand) Limited**  
700/37 Moo 5 Amata City Chonburi  
Industrial Estate, T. Klong Tamhru  
A. Muang, Chonburi 20000, Thailand  
Tel : +66 3810 9500  
E-mail : sikathai@th.sika.com  
Website: tha.sika.com



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