

Engen Semcrete OLF 50

Emulsifiable Mould Release Oil (Invert Emulsion)

Description

Engen Semcrete OLF 50 is an emulsifiable mould release oil that prevents concrete sticking to either the mould or shuttering form work. It produces a smooth finish on the concrete and keeps the mould or shuttering suitable for re-use. Excellent on moulds for pre-cast fencing and similar intricate shapes. In the neat form it is easily applied by brush, swab or spray, but if in emulsified form, spraying is not advisable. Engen Semcrete OLF 50 contains a rust inhibitor which will protect metal moulds or shutter forms from rust and corrosion.

Application

Engen Semcrete OLF 50 can be used neat or as an emulsion on moulds and shuttering made from timber, plywood or metal. Application can be by brushing, spraying or swabbing, aiming at a concrete coverage with the thinnest possible film. For the best results a mix of 4 parts water to 1 part oil should be used. If it is to be used in the emulsified form, then the required amount of water must be added to the oil and NOT vice versa. Add the water a little at a time with constant vigorous stirring to ensure the production of a thin homogeneous emulsion of the water-in-oil type invert emulsion. On no account must all the water be added at the same time. Shutters should be prepared about 2 to 4 hours before the concrete is thrown. It is essential to use emulsions the same day as prepared. Typical coverage is approximately 300 square metres per 5 litres.

Benefits

- Adheres tenaciously to moulds and shutters.
- Ensures that the mould or shuttering does not stick to the concrete.
- Easy application at all ambient temperatures.
- Provides a smooth finish.
- Protection of metal moulds from rust and corrosion.

Typical Physical Characteristics

Engen Semcrete OLF 50	
Viscosity, cSt @ 40 °C	4,0
Density @ 20 °C, kg/l	0,848
Flash Point, °C, typ.	76

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Due to continual product research and development, the information contained herein is subject to change without notification. Refer to the Material Safety Data Sheet (MSDS) for information on the safe handling and use of this product.

Engen Petroleum Ltd | Tel: 08600 36436 | Website: www.engenoil.com | Email: 1call@engenoil.com