

EUCOREP OIL

BIODEGRADABLE DEMOULDING OIL

FIELD OF APPLICATION

EUCOREP OIL is a specially developed, biodegradable demoulding oil. It is a concrete release agent developed from raw materials derived from vegetable oils and animal fats emulsified in water and is readily biodegradable according to OECD 301B (Co2-evolution test), degradation >60% within 10 days. The OECD test provides insight into the complete degradation of the Demoulding oil, and is therefore not comparable with the CEC test, in which only primary degradability is measured. The homogeneity of the emulsion is guaranteed for a longer period of time.

Can be used on a wooden formwork (lacquered and unpainted), steel formwork, rubber formwork and heated formwork.

BENEFITS & FEATURES

- Easy to spray and apply, thanks to its viscosity.
- Gives a nice uniform colour to the concrete surface after stripping.
- Does not affect the adhesion of any subsequent finishing coats.
- Environmentally friendly Rapidly biodegradable
- Bubble-free concrete
- Smoother 'colour' of concrete
- More than 90% renewable raw materials
- Health and safety friendly
- Cleaner working environment
- Odourless

APPLICATION

Application conditions

The recommended application temperature is between +1°C and +30°C.

Tools & complementary products

- Spraying equipment - spray pressure 3 to 4 bar. (Galvanised pipes and sprayers cannot be used).

Preparations

Clean the surface. It must be free of dust, concrete residues and other things that can negatively influence the adhesion. The oil can be applied onto a moist substrate but it must not contain free standing water.

Application of the product

Apply an evenly spread thin layer to the surface by spraying.

TECHNICAL DATA

Consumption

approx. 40 ml / m²

Technical data & reaction times

Property	Value
Vol. Mass at 15°C	0.97 kg/l
Drying time (at 20°C)	15 -30 min.
Solidification / freezing point	-5°C
Kin. Viscosity (40°C)	1 mm ² /s
Flash point	> 100°C

FIPAH-CLASSIFICATION DEMOULDING AGENTS	CLASS A Renewable raw materials from vegetable and animal provenance (excl. water). > 90% Hazards: None Flash point: > 100 °C Aromatics: < 0,01%
Shape - colour	Liquid - white
Odour	Light, typical

APPEARANCE - COMPOSITION - PACKAGING

EUCOREP OIL is available as follows:

25 L jerry can
Barrels or IBC on demand.

Can be kept for 6 month after production date in the original, unopened packaging. Storage takes place in a dry, frost free room and free from direct sunlight between +5°C and +30°C.

SAFETY PRECAUTIONS

Always use personal protection in accordance with the local guidelines. Consult the appropriate safety sheets before use. All most recent safety data sheets are always available at [op www.eucochem.com](http://op.www.eucochem.com). When in doubt, contact our technical service.

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