

MAPEFORM ECO OIL E

Low-viscosity 100% vegetal form-release agent for precast industry

WHERE TO USE

Mapeform Eco Oil E is used to facilitate the release of concrete from smooth or rough steel formwork in precast concrete plants.

Mapeform Eco Oil E is an extremely effective ready-to-use form-release agent. Spray application is recommended to prevent the use of an excessive amount.

Thanks to its low viscosity it may also be used at low temperatures and does not change the original colour of concrete. Once concrete has been released using **Mapeform Eco Oil E**, its surface may then be treated or coated with water-based paint or render.

TECHNICAL CHARACTERISTICS

Mapeform Eco Oil E consists of a stable mixture of selected vegetable oils.

Once applied **Mapeform Eco Oil E** creates a layer that facilitates concrete demolding from the formwork.

Mapeform Eco Oil E features the following advantages:

- improved surface quality thanks to the drastic reduction of large and micro surface air bubbles;
- less cleaning of forms;
- simpler application.

RECOMMENDATIONS

- Do not dilute **Mapeform Eco Oil E** with water.
- Do not dilute **Mapeform Eco Oil E** with solvents or other oils.
- For other types of formwork not made from steel, test the product to make sure it is compatible before using on a large scale or contact Mapei Technical Services department.

Mapeform Eco Oil E complies with UNI 8866.

Biodegradable (75%) according to EU Council Directive No. 67/548/CEE.

Does not contain VOC or SCHC. Complies with PCB content according to current legislation (EU Council Directive No. 85/467/CEE of 1 October 1985).

HOW TO USE

Mapeform Eco Oil E is ready-to-use.

Application

Apply **Mapeform Eco Oil E** on the clean, dry formwork, preferably in a single coat, using pressure pumps fitted with a misting nozzle or atomisers at a pressure of 6 Bar.

For effective stripping of forms, do not exceed the recommended dosage. This can cause the formation of a fine dust on the surface which can alter the final finish. For a better exposed-finish effect, a rag slightly dampened with the product may be passed over the surface of the formwork.

CLEANING

Tools used for applying **Mapeform Eco Oil E** can be cleaned with water.

CONSUMPTION

1 litre is sufficient to treat an average of 70 m² of surfaces.

STORAGE

Store at temperatures between +5°C and +40°C for 24 months in sealed containers away from prolonged, direct exposure to sunlight.

PACKAGING

Mapeform Eco Oil E is available in 1000 l IBC containers, 200 l drums and 23 kg tanks.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Instructions for the safe use of our products can be found on the latest version of the Safety Data Sheet, available from our website www.mapei.com.

PRODUCT FOR PROFESSIONAL USE.

TECHNICAL DATA (typical values)

PRODUCT IDENTITY

Consistency:	fluid liquid
Colour:	amber
Density :	0.9 ± 0.02 g/cm ³
ASTM D445 viscosity:	11.8 cPs (at +20°C) 6.8 cPs (at +40°C)
Release action:	chemical

APPLICATION DATA

Preparation:	ready-to-use
Application:	pressure pump fitted with a misting nozzle > 6 Bar

WARNING

Although the technical details and recommendations contained in this product data sheet correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application; for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.

Please refer to the current version of the Technical Data Sheet, available from our website www.mapei.com

LEGAL NOTICE

The contents of this Technical Data Sheet ("TDS") may be copied into another project-related document, but the resulting document shall not supplement or replace requirements per the TDS in force at the time of the MAPEI product

installation.

The most up-to-date TDS can be downloaded from our website www.mapei.com.

ANY ALTERATION TO THE WORDING OR REQUIREMENTS CONTAINED OR DERIVED FROM THIS TDS EXCLUDES THE RESPONSIBILITY OF MAPEI.

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