

MAPEPUMP OIL

Pump improving and stabilizing admixtures for concrete



WHERE TO USE

Mapepump Oil is a lubricating and stabilizing admixture.

Mapepump Oil can be used to make concrete easier to pump, to stabilize lightweight concrete and concrete with low filler content.

Mapepump Oil is concentrated and highly effective.

TECHNICAL CHARACTERISTICS

Addition of **Mapepump Oil** improves the technical characteristics of concrete and spray-concrete (gunite):

- Easier to pump
- Less wastage by rebound when spraying
- Less wear on pumps
- Improved stability
- Improved compacting capability
- Reduced bleeding
- Increased workability
- Less shrinkage

The addition of **Mapepump Oil** has a lubricating effect on the concrete, increasing viscosity and reducing friction between pumping tubes and concrete.

Thus a lower pumping pressure can be used. This results in less wear on pumping equipment and makes for a more reliable and faster casting. Use of **Mapepump Oil** enables the pumping of concrete with low filler content.

Mapepump Oil makes the pumping of highly viscous concrete possible.

Mapepump Oil, at normal dosage, has no influence on the compressive strength or setting time.

Mapepump Oil does not alter the air content of the concrete but can increase pore stability when used in the production of frost resistant concrete.

DOSAGE

Normal dosage of **Mapepump Oil** is from 0.5 to 3.0 litres per m³ of concrete.

Mapepump Oil is added after water and other admixtures.

Mapepump Oil can also be added directly to an automixer on site.

The concrete must then be mixed 1 min. per m³, minimum 5 min.

RECOMMENDATIONS

Mapepump Oil may be used in combination with other Mapei admixtures.

PACKAGING

Mapepump Oil is delivered in 25 litre cans, 200 litre drums, 1000 litre plastic containers and also in bulk.

STORAGE

Mapepump Oil can be stored 12 months in original sealed packaging at a temperature between +5°C and +30°C.

SAFETY INSTRUCTIONS FOR PREPARATION AND INSTALLATION

Instructions for the safe use of our products can be found on the latest version of the SDS available from our website www.mapei.no

PRODUCT FOR PROFESSIONAL USE.

TECHNICAL DATA (typical values)

PRODUCT IDENTITY

Consistency:	liquid
Colour:	transparent white
Viscosity:	low viscosity
Dry solids content:	0.9 ± 0.1 %
Density:	1.00 ± 0.02 g/cm ³
pH:	8.5 ± 1.5
Chloride content:	< 0.1 %
Alkali content (Na ₂ O-equivalents):	< 0.1 %

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 web site www.mapei.no

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 effect at the time of the MAPEI product installation. For the most up-to-date TDS and warranty information, please visit our website at www.mapei.no

ANY ALTERATIONS TO THE WORDING OR REQUIREMENTS CONTAINED IN OR DERIVED FROM THIS TDS SHALL VOID ALL RELATED MAPEI WARRANTIES.



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