

Viscosity increasing and stabilising admixture

AREA OF USE

Mapepump Oil is a lubricating and stabilising admixture. **Mapepump Oil** can be used to make concrete easier to pump, to stabilise 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 additives.

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 Rescon Mapei additives, with the exception of **Mapefluid 400N**.

PACKAGING

Mapepump Oil is delivered in 25 litre cans, 200 litre drums, 1000 litre plastic containers and also in bulk. The product must be stored frost free, and may be stored for at least one year in unopened original packaging.

PROTECTIVE MEASURES

For health, safety and environmental information, see separate HSE data sheet on www.resconmapei.com.

WARNING

Although the technical details and recommendations contained in this product report 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 applications: 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.

N.B! FOR PROFESSIONALS

TECHNICAL DATA

Product specifications

Type:	Liquid
Colour:	Yellowish transparent
Viscosity:	Low viscosity
Solid content, (%):	0,9 ± 0,1
Density, g/cm ³ :	1,00 ± 0,02
pH:	8,5 ± 1
Chloride content, (%):	≤ 0,01
Alkali content (Na ₂ O-equivalent), %:	≤ 0,1