

OSPAVE 902

Water Reducing Waterproofer

Description

Ospave 902 is based on a blend of modified lignin plasticiser, polycarboxylate superplasticiser along with carefully selected solubilised carboxylic acids which form a permanent hydrophobic layer within the concrete pore matrix. **Ospave 902** if correctly dosed will allow water reductions of up to 15% and will reduce the permeability of the concrete by the action of the water repellent present.

Applications

Ospave 902 is particularly suitable for precast concrete where workability, strength and reduced permeability are essential. **Ospave 902** is particularly useful for extruded concrete due to the action of the carboxylic acids which act as slick aids within the fresh concrete structure.

Benefits in Concrete

- High early and final strengths
- Improved surface finish
- Reduced shrinkage
- Improved early stripping
- Reduced permeability
- Improved efflorescence control

Properties

Nature	Liquid
Colour	Dark Brown
Specific Gravity	1.06 g/cm ³
pH	12.0
Chloride Content	<0.10%
Na ₂ O equivalent	<4.50%

Addition Rates

Dosage rates vary dependant on mix design, process, aggregate type and the desired effect but typically:

500mls - 1000mls per 100 kg cement
(0.50% - 1.00% by weight of cement)

The correct dosage for the material package used should be determined by laboratory trials, please contact the OSCRETE Technical department for further advice.

Standards

Ospave 902 conforms to the requirements of BSEN 934-2 and is produced in accordance with the ISO 9001 Quality Management Standard and the ISO 14001 Environmental Management Standard.



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Compatibility

Ospave 902 is compatible with all types of EN 197 cement systems.

Ospave 902 should not be pre-mixed with other admixtures and should be batched separately.

Storage

Ospave 902 should be stored undercover and protected from extreme temperatures, if stored unopened within the range 5°C and 30°C the product will have a minimum shelf life of 12 months.

Handling

Please refer to the **Ospave 902** Material Safety Data Sheet but in line with normal handling procedures, personal protective equipment should be worn.

Packaging

200 litre drums, 1000 litre IBCs and bulk deliveries.

Disclaimer

The physical properties quoted are typical, and should not be taken as a specification. The information supplied in our literature is based on data and experience and is given in good faith. Our policy is one of continuous research and development and we reserve the right to update this information at any time; customers should therefore ensure they have the latest issue. Whilst we guarantee the consistent high quality of our products, we have no control over the circumstances in which our materials are used, site conditions or the execution of the work and are therefore unable to accept any liability for any loss or damage which may arise as a result thereof. Materials are supplied in accordance with our standard conditions of sale.

Notes

Ospave 902 should be added with the water or at the end of the mixing process and not directly onto the cement. A mixing time of at least 30 seconds is recommended after the addition of the admixture.

If frozen **Ospave 902** may be used after thawing slowly at room temperature followed by intensive remixing.

Please consult the OSCRETE Technical Department for advice on admixture selection.

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