

OSCREED 893

High Range Superplasticiser

Description

Oscreed 893 is a liquid admixture based on high molecular weight polymers, its powerful deflocculating and dispersing effect means that water reductions of up to 25% can be achieved. **Oscreed 893** is a multi functional admixture and if correctly dosed will allow high water reductions without affecting the integrity of the mix, these characteristics make it ideal for high workability mixes.

Applications

Oscreed 893 is highly beneficial when incorporated into a retarded floor screed mix. Reduced drying times and high early strengths can be achieved at normal workabilities and cement contents, due to substantial reductions in free water content. Addition of **Oscreed 893** extends the period of time that floor screeds can be successfully placed and compacted thus leading to significant reductions of retarder dosage levels.

Benefits in Concrete

- Increased slump life
- Increased workability
- Increased strengths
- Low water/cement ratios
- Suitable for screeds

Properties

Nature	Liquid
Colour	Dark Brown
Specific Gravity	1.21 g/cm ³
pH	8.0
Chloride Content	<0.10%
Na ₂ O equivalent	<6.00%

Addition Rates

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

500mls - 1500mls per 100 kg cement
(0.50% - 1.50% 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

Oscreed 893 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

Oscreed 893 is compatible with all types of EN 197 cement systems.

Oscreed 893 should not be pre-mixed with other admixtures and should be batched separately.

Storage

Oscreed 893 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 **Oscreed 893** 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.

Notes

Oscreed 893 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 **Oscreed 893** may be used after thawing slowly at room temperature followed by intensive remixing, however, some crystallisation may take place.

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

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.

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