

TEGLA SP80

High Range Superplasticiser

Description

Tegla SP80 is a superplasticiser based on a new generation modified synthetic carboxylated polymer. It has been designed to impart exceptional performance in concrete roof tile manufacturer or dry / semi-dry concrete. **Tegla SP80** if correctly dosed will allow high water reductions and improved extrusion of precast concrete units resulting in high early and long term strength.

Applications

Tegla SP80 has been designed for concrete roof tile production where durable strong concrete is required, **Tegla SP80** can also be used in most dry/semi-dry processes.

Benefits in Concrete

- Better slip
- Increased compaction
- Increased strengths
- Low water/cement ratios
- Lower porosity
- Reduced equipment wear

Properties

Nature	Liquid
Colour	Amber
Specific Gravity	1.06g/cm ³
pH	7.5
Chloride Content	<0.10%
Na ₂ O equivalent	<1.00%

Addition Rates

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

250mls - 1000mls per 100 kg cement
(0.25% - 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

Tegla SP80 complies with the requirements of BS EN 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

Tegla SP80 is compatible with all types of EN 197 cement systems.

Tegla SP80 should not be pre-mixed with other admixtures and should be batched separately.

Storage

Tegla SP80 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 **Tegla SP80** 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

Tegla SP80 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 **Tegla SP80** 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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