

TEGLA SP80

High Range Superplasticiser

PRODUCT DESCRIPTION

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

APPLICATIONS

Tegla SP80 has been designed for concrete roof tile production where strong concrete is required, **Tegla SP80** is particularly good when used in Hollowcore flooring extrusion machines and in most dry/semi-dry processes.

BENEFITS

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

PROPERTIES

Nature:	Liquid
Appearance:	Clear/Opaque
Specific Gravity: (20°C)	1.06 g/cm ³
pH:	7.5
Chloride Content:	< 0.10
Alkali Content (Na ₂ O):	< 1.00

ADDITION RATES

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

250mls—1000mls per 100kg 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 conforms to 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 premixed with other admixtures and should be batched separately.

STORAGE

Tegla SP80 should be protected from extreme temperature, frost and direct sunlight, the product has 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 litres drums, 1000 litre IBC's and bulk deliveries.

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 mixing.

Please consult the OSCRETE technical department for advice on admixture selection.

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Disclaimer

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