

# 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:	Amber
Specific Gravity: (20°C)	1.06 g/cm <sup>3</sup>
pH:	7.5
Chloride Content:	< 0.10
Alkali Content (Na <sub>2</sub> 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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