

TEGLA 303

Water Resisting Admixture

PRODUCT DESCRIPTION

Tegla 303 is an admixture specially formulated to reduce the permeability of low workability concrete mixes, such as used in the manufacture of concrete roof tiles. **Tegla 303** has excellent plasticising and efflorescence control properties. **Tegla 303** is based on carefully selected blends of long chain fatty acids which form a permanent hydrophobic layer at the air/concrete interfaces within the pore matrix.

APPLICATIONS

Tegla 303 has been designed for use in concrete roof tile production where strong durable concrete is required, **Tegla 303** can also be used in most dry/semi-dry concrete processes.

BENEFITS

- Improved efflorescence control.
- Increased compaction.
- Increased strengths.
- Increased production.
- Lower porosity.
- Reduced equipment wear.

PROPERTIES

Nature:	Liquid
Appearance:	Light Amber
Specific Gravity: (20°C)	1.00 g/cm ³
pH:	>11.5
Chloride Content:	< 0.10
Alkali Content (Na ₂ O):	< 1.50

ADDITION RATES

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

250mls—500mls per 100kg cement
(0.25% - 0.50% by weight of cement)

STANDARDS

Tegla 303 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 303 is compatible with all types of EN 197 cement systems.

Tegla 303 should not be premixed with other admixtures and should be batched separately.

STORAGE

Tegla 303 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 303** 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 303 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 303** may be used after thawing, slowly at room temperature followed by intensive mixing.

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.

OSCRETE is a division of Christeyns UK Ltd
Rutland Street
Bradford
West Yorkshire
BD4 7EA
United Kingdom

Telephone: +44 (0)1274 393286
Fax: +44 (0)1274 309143
E-mail: info@oscrete.com
Website: www.oscrete.com

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