

Description

Tegla SP Extra is an admixture based on latest generation polycarboxylate technology, specifically formulated for concrete roof tile manufacture. Significant water reductions resulting from greatly increased deflocculation and dispersion of cement and fine particles produces stronger and higher quality roof tiles. Water reductions of around 40% can be achieved with associated improvements.

Benefits

- Greatly reduced water contents, around 40%
- Improved workability
- Concrete mixes are easier to form and slip, giving improvements in line speed.
- Increased compaction results in better strength
- Surface texture is improved
- Early age strengths are increased, reducing damage from depalleting, banding and handling.
- Compressive, Tensile and Flexural strengths are increased.

Application

Tegla SP Extra is suitable for use with all cement types and cement replacements.

Standards

All Christeyns products are produced in accordance with the ISO 9001:2000 Quality Management Standard and the ISO 14001 Environmental Management Standard



Addition Rates

Addition rate for maximum benefit will depend upon mix and materials, but typically:-

0.5 - 1.0% of cementitious content

(500 - 1000 ml per 100Kg cementitious content)

Typical Properties

Nature

Superplasticiser based on a modified carboxylated polymer

Appearance

Amber Liquid

Relative Density

1.14 gcm⁻³ at 20°C

Corrosion Behaviour

No performance determined

Stability

Avoid freezing

Compatibility

Compatible with all types of Portland Cement and cement replacements.

Storage

Protect from extremes of temperature. Tegla SP Extra has a minimum shelf life of 12 months provided storage temperature is within the range of 0°C - 30°C.

Handling

Tegla SP Extra is a non-hazardous product but, in line with general chemical handling precautions avoid contact with skin or eyes and protective gloves and goggles should be worn.

Refer to the Material Safety Data Sheet for Tegla SP Extra for full details.

Packaging

200 litre drums, 1000 litre IBC's 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.

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