

OSPAVE 700

for

wet cast paving

OSPAVE 700 is a new generation superplasticiser based on a modified synthetic carboxylated polymer along with a non-chloride accelerating system. OSPAVE 700 has been designed to provide excellent fluidity to concrete at low dosages, high early strengths and optimum surface finish.

Description

Ospave 700 is a new generation superplasticiser based on a modified synthetic carboxylated polymer along with a non-chloride accelerating system.

Ospave 700 has been designed to provide excellent fluidity to concrete at low dosages, high early strengths and optimum surface finish.

Ospave 700 if dosed correctly will allow water reductions of up to 30% resulting in very high early strengths and long term strength/durability.

Ospave 700 can also be used in the production of self-compacting concrete, eliminating the need for vibration.

Benefits in Self Compacting Concrete:

- Extremely fluid concrete. Allows faster placement times.
- The effects of noise pollution are dramatically reduced due to elimination of the need to vibrate the concrete.
- Outstanding flow properties allow the production of intricate units, even through areas of highly congested steel reinforcement.
- Increased durability is produced due to a more homogenous surface layer.
- High quality products can consistently be produced.
- Segregation and bleeding problems are reduced.

Benefits as a Superplasticiser:

- Water reductions of up to 30%
- Higher early and final strengths
- Outstanding workability
- Good retention of workability
- Imparts high resistance to bleeding and segregation
- Reduced shrinkage
- Improved surface finish



OSCRETE
construction products

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- Improved colour intensity and stability.
- Reduction of cement contents.
- Provides high quality finishes to the concrete with proper mix designs.
- High density, high strength concrete is produced due to the minimisation of voids.

Application

Ospave 700 is suitable for all types of Portland Cement. It is particularly effective in wet cast concrete, especially wet cast paving.

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

Dosage rates will be dependant on the mix design, process, types of aggregates and the desired effect. We therefore recommend production trials to establish the correct addition levels, but typically will be in the range of:-

0.5 - 1.0 litres per 100Kgs of total cementitious content
(0.4 - 1.0% by total cementitious weight)

Typical Properties

Nature

Superplasticiser based on a modified carboxylated polymer.

Appearance

Brownish Liquid

Relative Density

1.13 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. Ospave 700 has a minimum shelf life of 12 months provided storage temperature is within the range 0°C - 30°C.

Handling

OSPAVE 700 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 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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