

Description

Osperse AC01 is a powerful, powder non-chloride accelerator designed to accelerate the normal setting time of concrete and mortar. It contains no added chloride and is formulated to enhance both the plastic and hardened concrete and mortar properties.

Benefits

Osperse AC01 is effective in a wide range of applications and will provide the following benefits:

- Reduces initial set times.
- Increased early strength development.
- Will not promote steel reinforcement corrosion.
- Cuts construction costs - no cold weather delays.

Applications

Osperse AC01 is suitable for use with all types of Portland cement and cement replacements and is compatible with other admixtures when added separately to the batch.

Addition Rates

Dosage rates will be dependant on the mix design, desired effect and application but typically will be in the range of:

0.5 - 1.0% by weight of cement (0.5kg - 1.0kg per 100kg of cement)

Osperse AC01 dosage, set times and early age compressive strengths may be influenced by temperature, cementitious material content and curing conditions. Therefore, we always recommend that trials are carried out to determine optimum dosage rates.



Directions for Use

Add Osperse AC01 directly to the batch materials and spread uniformly over the mix. Do not add directly to the mixing water.

Health and Safety

Osperse AC01 is classed as an irritant, therefore please refer to Osperse AC01 Material Safety Data Sheet for full details. In line with general chemical handling precautions, avoid contact with eyes and protective gloves and goggles must be worn.

Packaging

25kg bags, 1000kg per pallet

Storage

Store in a dry place, away from humidity. Shelf life: 12 months in original unopened packaging.

Typical Properties**Nature:**

Blend of free flowing inorganic accelerator powders

Appearance:

Off white free flowing powder.

Chloride content

Nil to EN 934 - 2

Alkali content:

<0.1%

Storage

Protect from extremes of temperature.

Technical Support

For further information regarding Osperse AC01 or enquiries regarding other admixtures, please contact the Oscrete Technical Department.

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.co.uk
Website: www.oscrete.co.uk