



Conplast® Sprayset Liquid

Liquid accelerating admixture for use with sprayed concrete / mortar by wet process

Uses

When used in sprayed concrete and mortar processes provided rapid setting thereby allowing very fast build-up on the work face. This ability is of particular advantage when spraying concrete in the critical overhead area. It is available for both 'wet' and 'dry' sprayed concrete processes.

Advantages

- Rapid set allows fast buildup.
- Minimum rebound
- Single pass spraying for thick coatings.
- Excellent for overhead surfaces.
- Can be used for 'wet' processes of spraying concrete.
- Nonflammable.

Description

Conplast Sprayset Liquid accelerator is a turbid light pale, chloride and silicate free concentrated liquid and is introduced through the spraying nozzle to provide a rapid set of the cement.

Technical Support

The company provides a technical advisory service supported by a team of specialists in the field.

Properties

Specific Gravity	:	1.50 - 1.60 at 27° C
Chloride content	:	Nil.
Initial setting time	:	Less than 3 minutes
Final setting time	:	Less than 9 minutes
Stability	:	upto 42°C. Stiffening occurs after approximately 30 seconds. As is usual with rapid initial acceleration of the cement hydration process the 28 day compressive strength will approximately be reduced by 25%.

Dosage

2% to 4% by weight of cement.

Method of use

Required volume of Conplast Sprayset Liquid should be diluted depending upon the site conditions. This will help rapid dispersion into mix and the solution is normally introduced directly after the air ring in the spray nozzle. In order to obtain a consistent supply of admixture at the nozzle, a proper mechanical delivery system is recommended.

Effect of over dosing

Over dosing may lead to very rapid setting of the mix before it reaches the sprayed with consequent loss of strength.

Estimating

Packaging

Available in 20 litres and 200 litre drums.

Storage

Shelf life

Shelf life is 6 months from the date of manufacturing, when stored at ambient temperature and under cover.

Precautions

Conplast Sprayset Liquid is alkaline. Consequently, gloves and eye protection should be worn. Any splashes in the eye should be washed immediately with water using an eye wash bottle. Prolonged contact with skin should be avoided and splashes should be washed off with water immediately. If swallowed medical attention should be sought immediately.

Spillage

Wash with water.

Fire

Being water-based, non-flammable

Additional information

Technical data and guidance can be provided on a wide range of concreting aids including plasticisers, accelerators, retarders, air-entraining agents, waterproofers, mould release agents, surface retarders, workability aids and repair materials.

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