

LTAf - Concrete

Technical Specification

Chloride Free Concrete Accelerator & Low Temperature Plasticiser

A specially formulated non-chloride, non-corrosive liquid hardening accelerator, designed as a concrete accelerator and plasticiser. It accelerates the setting time of concrete by speeding the cement hydration process and thus increasing the early-age strength of the concrete. LTAf—CONCRETE can also be used to provide safer winter concreting without delays

Advantages

- Accelerate initial and final set
- Provide higher early strengths
- Increase rate of strength gain
- Permit earlier release of formwork
- Enable earlier safe handling of precast units
- Provide safer winter concreting without delays
- Improve workability
- Enable reduction in water content.

Application

USAGE:

Typically 1000ml LTAf—CONCRETE to 100Kg Portland Cement added preferably to the gauging water or alternatively add direct into the mixer at the same time as the gauging water after the aggregates and cement have been mixed. A mixing time of at least 30 seconds is recommended after the addition of the admixture.

Dosage rates dependant on mix design, process aggregate type and the desired effect but typically 1 - 5% by weight of cement.

LTAf—CONCRETE is suitable for use with all types of Portland Cements.

It is possible that on prolonged storage at very low temperatures a slight sediment may occur in the material. An occasional stir will quickly revert the sediment back into solution. Protect from extreme temperatures.

STANDARDS:

LTAf—CONCRETE conforms to the requirement of BSEN 934-2 and is produced in accordance with ISO 9001 Quality Management Standard.

Yield

1 Litre of LTAf—CONCRETE per 100Kg of Portland Cement

Storage

Store in cool temperature, but above freezing, and stir just prior to use. In the event of freezing, material should be completely thawed and then thoroughly mixed before use.

Shelf Life

Shelf life is approximately 1 year.

Specification

LTAf—CONCRETE is supplied by Simply Precast Ltd and shall be applied strictly in accordance with the manufacturer's instructions. For specific advice regarding any aspect of this product, please consult our Technical Department



Health and Safety

LTAF—CONCRETE is non-flammable and classed as an irritant and is harmful by ingestion. Prolonged contact with skin should be avoided. Any splashes should be washed well with water. If contact with eyes occurs wash thoroughly with water and seek medical advice. In line with normal handling procedures impervious gloves and eye protection should be worn

See Safety Data Sheet for further information.