

EUNISET GA4

Concrete Accelerator



Product Description

EUNISET GA4 is a liquid, rapid set accelerator for use in sprayed concrete and gunite. EUNISET GA4 is formulated to comply with Standard Specification for Chemical Admixtures for Concrete, ASTM C 494, Type C materials.

Advantages

- Promotes a fast setting action enabling the rapid application of sprayed concrete and gunite.
- EUNISET GA4 is introduced into the water line at the spraying nozzle, thus avoiding the premixing which is required with powdered accelerators.
- Fast build-up of multiple layers in overhead work and reduce wastage and rebound.
- Economical in use, achieving short setting time at low levels of addition.

Typical Properties

Appearance: Clear liquid

Specific Gravity: 1.27 ± 0.02 at 20°C

Air Entrainment: Nil

Chloride Content: Nil

Storage Life in Manufacturer's Drums: 12 months from date of manufacture

Storage Life Bulk Storage: 12 months from date of delivery

Compatibility

With cements: EUNISET GA4 can be used with all types of Portland cement, for use with special cements we recommended consulting European Concrete Additive's technical department.

With other admixtures: EUNISET GA4 should not be premixed with other admixtures. The performance of the material may be affected by the presence of other chemicals.

European Concrete Additives technical department should be consulted in such circumstances.

Method of Use

EUNISET GA4 should be introduced into the water line to the nozzle of the spraying equipment. It should not be premixed with the cement.

Addition Rates Range

The performance of EUNISET GA4 is best assessed by preliminary trials on site. As a guide for these trials a dosage rate of 1.0-4.0% EUNISET GA4 by weight of cement, is recommended. For advice and assistance with trials consult European Concrete Additives technical department.

Note: the reaction involved is temperature dependent and will proceed more slowly in cold ambient conditions. Fresh cement reacts more quickly than old cement. Accelerated layers applied using EUNISET GA4 should be subsequently covered with normal layers of gunite.

Effects of Overdosing

Overdosing of EUNISET GA4 will produce very fast setting of cementitious mixes, and will normally produce a lower 28 day compressive strength.

Packaging

EUNISET GA4 is supplied in 210 liter drums free, non-returnable.

Storage

EUNISET GA4 should preferably be stored inside, away from moisture contact and protected from frost. in original unopened drums.

Health and Safety

For further information see the EUNISET GA4 Material Safety Data Sheet, or consult European Concrete Additives.

Technical Service

The Technical Department is available to assist you in the correct use of our products and its resources are at your disposal entirely without obligation.

Contact Information

Al-Faiha for Engineering Products
techsupport@alfaihaengineering.com
www.alfaihaengineering.com

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