

antifreeze accelerating

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Technical Department

Description:

FIAIS is an liquid additive in mineral base with high concentration that because of its exothermic reaction is able to decrises the freeze point of mix-water and increases the hydration of the cement allowing the concreting at low temperatures.

TechnicalFeatures:

Density: 1,10 Kg./Lt. +- 0,1.

Aspect: Translucent liquid

PH: 9

Coverage:

From 0,125 to 1 litre per cement sack

Uses:

FIAIS is used mainly on winter as an mortar and concretes additives allowing the concreting at low temperatures.

Features & benefits:

IT IMPROVES THE RESISTANCES AT SHORT TERM IT IMPROVES THE FINAL MECHANICAL RESISTANCE AND AGAINST TO FREEZE-THAW CYCLES IT IMPROVES THE CEMENT HYDRATATION IT IMPROVES THE RESISTANCES AT

SHORT TERM IT IMPROVES THE FINAL MECHANICAL RESISTANCE AND AGAINST TO FREEZE-THAW CYCLES IT IMPROVES THE HYDRATATION OF THE CEMENT

Surface preparation:

It is no necessary.

Application:

- FIAIS must be poured into the concrete-mixer with the properly quantity of mixing water .
- The dosage of FIAIS with mortar or concrete is from 0,250 to 1 litre of FIAIS per cement sack (from 1 to 4% of cement weight).
- Mix in the concrete-mixer for one minute.
- Then add to mixture the cement and aggregates.
- If the weather is cold consider the following remarks before concreting:
In frames and formworks the water ,snow or ice must be removed and heated in case of that the temperature is below 0°C. Also formworks must be used in order to avoiding the heat loss. In the concrete preparation mixing water must be reduced to maximum and a dose rich in cement. The fresh concrete temperature must be, at least, 5°C.
- Cover and isolate the concrete in order to protect it against the heat loss and humidity.

Clean up:

With plenty clean water.

Storage:

3 years in their original packages, tightly closed, avoiding extrem temperatures, keeping them away from the weather and in dry and open-air places.

Packaging:

Available in packs of:

The information provided on this technical data sheet and particularly the recommendations for the application and use of the product is based on our current knowledge and are provided in good faith, considering that the products are used, handled and stored under normal conditions and within the limits of its useful life. The possible differences between the materials, supports, and real conditions in the application site can be so important that it is not possible to establish a warranty with this document or any other information provided. The user must verify with a suitability test that the product conforms to the required use. Users should refer to the information included in the last technical data sheet edition.



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