

TECHNICAL DATA SHEET**Barofast[®]**

Barofast is a cement setting accelerator.

Fields of applications

It permits working with cement even at low temperatures thanks to the decreased time needed for the cement to harden. It is a liquid admixture based on inorganic salts to increase mechanical strengths. It works as a catalyst on the hardening reaction of cement by accelerating the development of mechanical strengths, especially in the case of short curing and low temperatures.

Properties

- Due to the plasticizing characteristics of Barofast, mixing water may be reduced by 5 to 10%, depending on the quantity of additive used.
- Allows preparing concrete with high early strengths
- Suitable for preparation of concrete for the construction of works exposed to low curing temperature (below +10°C).

Technical characteristics

Density (25 °C): 1,330 g/cm³

pH: 7-9

Water reduction: 5-10%

Dosage: 1-4 % by cement weight (1-4 liters every 100 kg of cement), depending on the need of acceleration and on temperatures values

Instructions for use

Add Barofast[®] to the mixing water.

- Preparation of concrete for the construction of works exposed to low curing temperature;
- Building of any type of high structure (piers and stacks);
- Centrifuged cast concrete pipes and elements;
- Pre-cast concrete.

Specification

It is conform to EN 934-2/2000 T6 standards.

Notes

Do not use in reinforced concrete

Packing

5kg, 17kg plastic containers and 200-kg drums

Storage stability

The product is stable for 2 years when kept unopened in its container, protected from frost and direct sunlight