

MATERIAL TECHNICAL DATA SHEET

SAB

Product Data Sheet
Edition 5/07/2019
Identification no. SAB -02

INTRODUCTION

SAB is a high performance superplasticizer and water reducer in liquid form based on long chain polycarboxylate supported by materials which have retardation effect which is going to enhance workability, used as strength enhancer for concrete, cement grinding aid of both vertical and ball mills.

- Elevated temperatures.
- Controlled setting time.
- Chloride free – does not attack reinforcement.

CHARACTERISTICS

- SAB is used for optimizing conditions required for cement hydration reactions leading to improve rate of reactions which get the chance of more C3S and C2S hydration.
- SAB is going to regulate Clinker phases' hydration reactions by getting priority for C3S and C2S hydration then C3A in order to improve compressive strength and workability.
- Good water reduction at low dosage (resulting in shorter drying times, higher densities and strengths).

CHEMICAL-PHYSICAL DATA

- Density: 1.15 - 1.25 Kg/L
- PH: 8.00 - 9.00
- Boiling Point: 315 °C
- Shelf life: 12 months

DOSAGE: 460 - 560 g/t

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PACKAGING

SAB I is available in 835 liter IBC tanks of net weight 1000 Kg.

STORAGE

The admixture must be stored at temperature above 0 – 50 °C.
In normal conditions.



FOR TRADING AND DISTRIBUTION