

MATERIAL TECHNICAL DATA SHEET

NVB (Cement/Concrete Setting Retarder)

Product Data Sheet
Edition 01/08/2018
Identification no. NVB-02

INTRODUCTION

NVB retarder is a highly efficient set-retarding admixture for structural and mass concrete where a controlled extension of setting time is required.

CHARACTERISTICS

- Large volume pours
- Avoidance of cold joints Construction joints without formwork
- Elevated temperatures
- Controlled setting time
- Chloride free – does not attack reinforcement
- Complies with ASTM C 494-81 type B

CHEMICAL-PHYSICAL DATA

- Composition: Glyceraldehydes, Amino-alcoholic compounds.

- Density: 1.15 - 1.20 Kg/L

- PH: 9.00-10.00

- Boiling Point: 195 °C

-Shelf life: 12 months

DOSAGE: 0.50 – 2.00 % of cement mass weight

The retardation rate achieved is directly dependant on the dosage rate which in turn is influenced by quality of cement and aggregates and temperatures. In many cases it is advisable to carry out trial mixes to establish the exact dosage rate required.

PACKAGING

NVB is available in 850 liter IBC tanks of net weight 1000 Kg.

STORAGE

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

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