

# MATERIAL TECHNICAL DATA SHEET

**NV-300 (Strength/Hardening Accelerating Admixture)**

Product Data Sheet  
Edition 23/04/2018  
Identification no. NV-300-01

## INTRODUCTION

**NV-300** is a non-chloride strength/hardening accelerator formulated to increase the early strength of concrete.

## CHARACTERISTICS

**NV-300** is used as an accelerator admixture in structural and mass concrete where a controlled extension of early strength is required, such as:

- Delivers excellent results in normal and hot weather conditions, where very high early strengths are required.
- Does not contain calcium chloride or any other intentionally added chlorides and will not initiate or promote the corrosion of reinforcing steel present in the concrete. Chloride free – does not attack reinforcement
- Complies requirements of ASTM C-494 type E

## CHEMICAL-PHYSICAL DATA

- Composition: Hydroxide, Carbonates compounds and melamine sulfate compounds

- Density: 1.15 - 1.20 Kg/L

- PH: 7.00-9.00

- Boiling Point: 205 °C

-Shelf life: 12 months

## DOSAGE: 0.50 – 2.00 % of cement mass weight

The acceleration rate achieved is directly dependant on the dosage rate which in turn is influenced by quality of cement and aggregates, water: cement ratio and temperatures.

In many cases it is advisable to carry out trial mixes to establish the exact dosage rate required.

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## PACKAGING

NV-300 is available in 850 liter IBC tanks of net weight 1000 Kg.

## STORAGE

The admixture must be stored at temperature above 45°C. In normal conditions.



**FOR TRADING AND DISTRIBUTION**