

# DARASET<sup>®</sup> 300

Chloride-free, set accelerator based on nitrate Set accelerating admixture for concrete according to EN 934-2:T6

## Product Description

Daraset<sup>®</sup> 300 is a liquid set accelerating admixture for concrete and mortar.

## Technical Data

Form	Fluid
Colour	yellowish
Density	approx. $1.42 \pm 0.03 \text{ g/cm}^3$
pH-value	$8.5 \pm 1.0$
Total chloride content	< 0,10 m.-%
Alkali content	< 5,0 m.-%
Storage	Keep original containers closed, protect from excessive heat and frost. Once frozen, material cannot be used
Recommended Dosage	0.50–3.00 m.-% by cement mass
Physiological effect	May irritate skin and eyes; see SDS (Safety Data Sheet)
Shelf life	approx. 1 year in closed original containers

## Mode of Action

Daraset 300 shortens the setting time of concrete, compensates for the set-slowing effects of cooler weather conditions and contributes to the development of higher early strengths. Daraset 300 can be used at temperatures above  $-15^\circ\text{C}$ .

The constituent materials should be heated, and the temperature of the fresh concrete should be higher than  $+10^\circ\text{C}$ . Only nonfrozen aggregates should be used. The substrate, rebar and molds should also not be frozen. The concrete must be protected against frost.

## Dosing and Special Information

Best results are obtained when added with the gauging water, or as the last component of the mix, and then mixed for a minimum of an additional 45 seconds. Preliminary tests, according to official national standards, are always required before use!

Never pre-mix Daraset 300 with any other admixture before they are dosed into the concrete!

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