

DARASET[®] 300

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

Product Description

DARASET[®]300 is a liquid set accelerating admixture for concrete and mortar.

Technical Data

Form	Fluid
Colour	yellowish
Density	approx. 1.42 ± 0.03 g/cm ³
pH-value	8.5 ± 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 °C.

The constituent materials should be heated, and the temperature of the fresh concrete should be higher than +10 °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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