

ADINOL-RAPID

Broad-use concrete set accelerator – Antifreeze agent

Description

Liquid admixture that accelerates the setting time of concrete and allows concreting at low temperatures. It is free of chlorides and other corrosive ingredients and has no negative effect on concrete strength.

Certified according to EN 934-2:T6 and classified as concrete set accelerating admixture. Certificate No.: 0906-CPR-02412007/01. CE marked.

Fields of application

- Concreting at low temperatures.
- In case where fast work is required (anchoring, repair work, etc.).

Technical data

Color:	yellowish
Density:	1.47 - 1.53 kg/l
pH:	5.60 ± 1.00
Maximum chloride content:	chloride-free
Maximum alkali content:	≤ 1.0% by weight

Directions for use

ADINOL-RAPID is added:

- to the mixing water, during the preparation of concrete.
- to the ready mix just before use. In that case, it is necessary to rotate the mixture for 4-5 min to achieve uniform dispersion of ADINOL-RAPID in the mix.

Dosage

1.0-2.0 kg per 100 kg cement, depending on the desired setting time. Indicative values for ADINOL-RAPID action as a concrete set accelerator in standard reference mixture:

Percentage % by cement weight	Setting time	Reduction of setting time
0	480 min	0
1.0%	410 min	-70 min
1.5%	390 min	-90 min
2.0%	375 min	-105 min

Packaging

ADINOL-RAPID is supplied in plastic containers of 5 kg and 20 kg, in drums of 320 kg and in tanks of 1,400 kg.

Shelf life – Storage

18 months from production date if stored in original, unopened packaging, at temperatures between -20°C and +35°C. Storage at very low temperatures can result in the formation of crystals on the bottom of the container. The product must return to a positive temperature and then be slightly agitated before using.

Remarks

- Specific local regulations concerning production and placing of concrete must be followed.
- Concrete components (aggregates, water, cement) must be at temperatures higher than 0°C.
- Avoid adding water for better workability, keeping the water to cement ratio as low as possible.
- REOTOL-SPL concrete superplasticizer can be used in parallel.
- The surface of concrete must be protected during setting with plastic sheets or other available materials to reduce hydration heat losses.

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EN 934-2:2009+A1:2012

DoP No.: ADINOL-RAPID/1628-3

ADINOL-RAPID

Set Accelerating Admixture
EN 934-2: T6

Max chloride content: chloride free

Max alkali content: ≤ 1.0 % by weight

Corrosion behavior : Contains the following
components from EN 934-1:2008 Annex A.2:

Nitrates)

Dangerous substances: compliance

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