

Technical Datasheet

ADINOL-RAPID 2H

Concrete hardening accelerator

Description

Liquid admixture acting as a concrete hardening accelerator. It increases the early strength of concrete during the first 24 hours, also offering the following advantages:

- Accelerates the early age hardening of concrete without negatively affecting the final strength.
- Increases the early strengths of concrete (< 24 h).
- Allows earlier removal of formwork and moulds.
- Does not have air-entraining action.
- Is free of chlorides and other corrosive constituents.
- Is compatible with all kinds of Portland cement.

Certified according to EN 934-2:T7 and classified as hardening accelerator for concrete. Certificate No.: 0906-CPR-02412007/01. CE marked.

Fields of application

ADINOL-RAPID 2H is recommended for use in concrete, where accelerated setting and hardening times are required, especially at low temperatures, for rapid formwork removal in pre-cast concrete, repairs in highway engineering, etc.

Technical data

| | |
|---------------------------|------------------|
| Color: | light yellow |
| Density: | 1.33 - 1.39 kg/l |
| pH: | 9.00 ± 1.00 |
| Maximum chloride content: | chloride-free |
| Maximum alkali content: | ≤ 4.0% by weight |

Directions for use

ADINOL-RAPID 2H is added:

- to the mixing water, during the preparation of concrete.
- to the ready-mix concrete, just before use. In that case, it is necessary to stir the mixture for 4-5 minutes to achieve uniform dispersion of ADINOL-RAPID 2H.

Consumption

1.0-2.0 kg per 100 kg cement, depending on the desired effect.

Packaging

- 5 kg and 20 kg plastic containers.
- 290 kg drums.
- 1,400 kg tanks.

Shelf-life/Storage

18 months from production date, if stored in original, unopened packaging, at temperatures between +5°C and +35°C. Protect from direct sunlight and frost.

Remarks

The final result may differ, depending on the type of cement and the temperature of concrete and environment.

ADINOL RAPID 2H



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ISOMAT S.A.
17th km Thessaloniki – Ag. Athanasios
P.O. BOX 1043, 570 03 Ag Athanasios, Greece

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EN 934-2:2009+A1:2012

DoP No.: ADINOL-RAPID 2H/1629-03

ADINOL-RAPID 2H

Hardening accelerating concrete admixture
EN 934-2: T7

Max chloride content: chloride free

Max alkali content: $\leq 4,0$ % by weight

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

Nitrates and Thiocyanates

Dangerous substances: compliance

ISOMAT S.A.
BUILDING CHEMICALS AND MORTARS
MAIN OFFICES - FACTORY:
17th km Thessaloniki - Ag. Athanasios Road,
P.O. BOX 1043, 570 03 Ag. Athanasios, Greece,
Tel.: +30 2310 576 000, Fax: +30 2310 576 029
www.isomat.eu e-mail: support@isomat.eu