

Cimplast Néο 100

Plasticizer / Water reducer

Cimplast Neo 100 is a plasticizer / water reducer / drying delayer. It is compliant with standard NF EN 934-2.

Cimplast Neo 100 is intended for the ready mix concrete market, the concrete industry and civil engineering. Its formulation based on polyacrylates ensures remarkable workability properties.

Cimplast Neo 100 is a plasticizer / water reducer that presents the performance of a new generation super plasticizer.

Incorporating it into the concrete makes it possible to achieve :

- Very long concrete workability periods compared with a conventional super plasticizer,
- Low viscosity concretes,
- Concretes with limited sensitivity to segregation and that react well to water variations,
- Better quality facings.

CHARACTERISTICS

- A yellowish liquid
- Density at 20°C : 1.075 ± 0.020
- pH: 6.5 ± 1.0
- Dry extract (halogen) :
 $30\% \pm 1.5\%$
- Dry extract (NF EN 480-8) :
 $30.2\% \pm 1.5\%$
- $\text{Na}_2\text{O}_{\text{equivalent}}$: $\leq 2.5\%$
- Cl- : $\leq 0.10\%$
- Freezing temperature :
- 5°C approx.
- Viscosity :
- at 20°C approx. 25 mPa.s
- at 5°C approx. 40 mPa.s
- Corrosion effect : PND
- contains components only taken from EN 934-1: 2008 Annex A1.

FIELDS OF USE

Cimplast Neo 100 is especially suited to building construction:

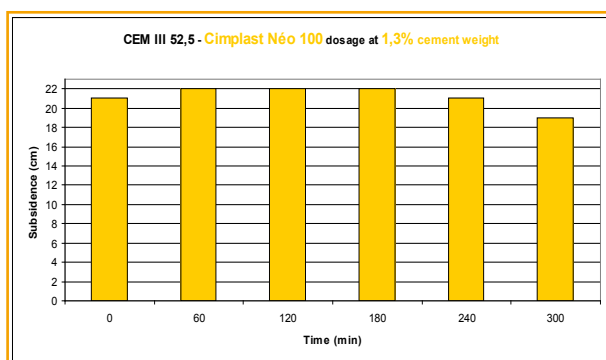
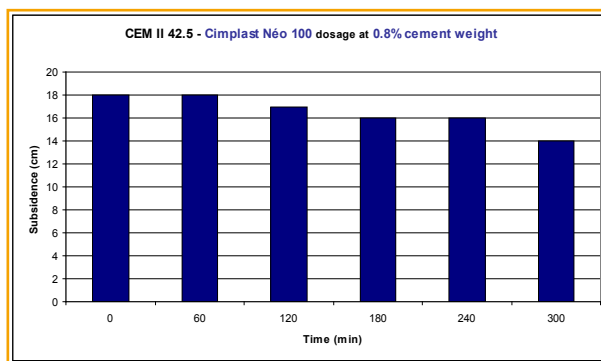
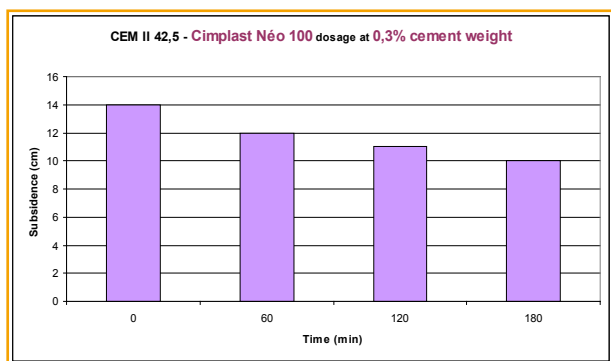
- Inert concrete
- Pumping over long distances
- Piles
- Moulded walls.

INSTRUCTIONS FOR USE

Cimplast Neo 100 can be incorporated into the mixing water or at the end of the mixing process, depending on concrete making installations and the kind of performance sought.

Maximum effectiveness is however achieved when **Cimplast Neo 100** is added to concrete that already contains a part of the mixing water (over 50%).

Concrete test results : Highlighting the ability of Cimplast Neo 100 to maintain workability.



DOSAGE

Depending on the desired usage, the **Cimplast Neo 100** dosage may vary between 0.30 to 2 kg per 100 kg of concrete.

At its maximum dosage, the **Cimplast Neo 100** may show a delayer effect.

CARE REQUIRED

- We strongly recommend storing the product in an area kept above freezing, out of the sun and high heat levels.
- If the product has become frozen, then it must be completely thawed out and rehomogenised prior to use.



Does not resist against frost

SAFETY

This product is not considered as dangerous.

Nevertheless, as a precaution :

- Rinse with water if splashing occurs,
- Do not swallow,
- We recommend wearing goggles and gloves when handling the product,
- In all cases, refer to the product Safety Datasheet.

PACKAGING

- Bulk
- 1,000 litre bag-in-box
- 200 litre drums.
- 30 litre barrels.

SHELF LIFE

- Use by date : one year from date of manufacture.

Look up the Technical and Safety Datasheets for this product on our website :
<http://www.axim.fr>

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The information provided in our Technical Datasheets is provided as an indication only. It corresponds to the results of tests performed on our products, but cannot be universal in nature. This information cannot ever be considered as a guarantee for the user, nor can we be held liable for it. Only prior testing can be used to precisely define conditions of use for each case.