



CHRYSO® Plast Omega 116

Plasticizer – Water reducer

Description

CHRYSO® Plast Omega 116 is a new generation water reducing plasticizer. This admixture results from our expertise in hybrid polymers technology. This chemistry requires our most recent knowledge of the synthesis of molecules in order to provide:

- a wide scale of dosage,
- a high water reduction power,
- slump retention,
- homogeneous concrete.

CHRYSO® Plast Omega 116 has a strong dispersing capacity on the fine elements of concrete, which allows for the production of fluid concrete.

CHRYSO® Plast Omega 116 has great flexibility: thanks to its large scale of dosage, it can be used in a wide range of concrete.

CHRYSO® Plast Omega 116 makes it possible to produce concrete with workability retention.

CHRYSO® Plast Omega 116 is particularly recommended for ready-mix concrete.

This admixture can be associated to other **CHRYSO®** products in order to meet most technical requirements.

Characteristics

- Nature: liquid
- Colour: brown
- Density (20° C): 1.18 ± 0.02
- pH: 7.5 ± 2.0
- Cl⁻ ions content: nil
- Na₂O equivalent: $\leq 2\%$
- Dry extract (halogen): $42\% \pm 1$
- Dry extract (EN 480-8): $42\% \pm 1$

Packaging

- Bulk or 215 litres
- Plastic trunks of 215 L
- Containers of 1000 L

Application

Domains of application

- All types of cement, except white cement
- Very plastic concrete to fluid concrete
- Ready mix concrete
- Precast

Method of use

Dosage: 0.3 to 0.94 kg for 100 kg of cement.
It is best to add **CHRYSO® Plast Omega 116** to the mixing water.

Incorporated to fresh concrete in a mixing truck, it is necessary to mix at high speed, 1 minute per m³ of concrete (at least 6 minutes).

The maximal efficiency of **CHRYSO® Plast Omega 116** can only be established after trial tests, taking into account conditions affecting the workability of the mix and the mechanical properties required from the concrete.

Precautions

- Store away from frost.
- Should the product freeze; it will recover its properties after thawing and agitating.
- Shelf life: 12 months.

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Safety

CHRYSO[®] Plast Omega 116 is a product classified as « harmless ». It is recommended to wear the normal protective equipment.

For further information, please refer to the safety data sheet on our internet site www.chryso.com.

The information contained in this document is given to the best of our knowledge and the results from extensive testing. However, it cannot, under any circumstances be considered as a warranty involving our liability in case of misuse. Tests should be carried out before any use of the product to ensure that the methods and conditions of use of the product are satisfactory. Our specialists are at the disposal of the users in order to help them with any problem encountered.

“Please enquire for the latest update”

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11/2012

