



CHRYSO® Plast Omega 120

Plasticiser – water reducer



Description

CHRYSO® Plast Omega 120 is a new generation water reducing plasticiser.

CHRYSO® Plast Omega 120 allows optimisation of cement content in order to obtain a specific slump class.

CHRYSO® Plast Omega 120 has great flexibility: with a large dosage range it can be used in a great range of concretes, from low water cement ratio mixes, or to allow a jump in slump class without requiring additional cement.

CHRYSO® Plast Omega 120 can be used to produce high workability concretes without additional increase in mix water content

CHRYSO® Plast Omega 120 can enable concrete to be produced with improved workability retention, thus it is particularly recommended for ready mix concrete.

Characteristics

- Nature: liquid
- Colour: brown
- Density (20 °C): 1.06 ± 0.02
- pH: 4.9 ± 1.0
- Dry extract (halogen): $20.0\% \pm 1.0\%$

Packaging

- Bulk
- Barrels of 215 L
- Containers of 1000 L

Conformity

CHRYSO® Plast Omega 120 is a plasticiser -water reducer with CE marking.

CHRYSO® Plast Omega 120 conforms to BS EN934-2 Table 2 certification, which technical specifications are those applied in the non-harmonised part of the BS EN 934-2.

Applications

Domains of application

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

Method of use

Dosage: 0.3 to 1.2 kg for 100 kg of cement.

CHRYSO® Plast Omega 120 is completely miscible in water and must be added to the mixing water.

Concrete incorporating **CHRYSO® Plast Omega 120** should be mixed thoroughly until a homogeneous mix has been achieved.

The optimum dosage of **CHRYSO® Plast Omega 120** can only be established after trial tests, taking into account local conditions affecting the workability of the mix and the mechanical properties required for concrete

Precautions

- Store away from frost.
- Should the product freeze, it will recover its properties after thawing and agitating.
- Shelf life 18 months



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Safety

CHRYSO® Plast Omega 120 is a product classified as “harmless”. It is recommended to wear 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.

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