

CHRYSO®Plast Omega 135

Water reducing Plasticizing admixture



CHRYSO®Plast Omega 135 is a new generation water reducing plasticizer.

CHRYSO®Plast Omega 135 allows optimisation of the dosage of cement in order to obtain a specific class of resistance.

At equal plasticity, and after reducing mixing water:

- concrete compacity is improved,
- capillar absorption is reduced,
- depending on the dosage, a relative increase of mechanical strength is observed at 24 hours.

CHRYSO®Plast Omega 135 has a great flexibility: thanks to its large scale of dosage, it can be used in a great range of concrete.

CHRYSO®Plast Omega 135 makes it possible to realise concrete with workability retention. It is particularly recommended for ready mix concrete.

Indicative characteristics

- Nature: liquid
- Colour: Brown
- Shelf life: 18 months

Specifications

- Specific gravity (20°C): $1,070 \pm 0,020$
- pH: $5,30 \pm 1,00$
- Solid content (halogen): $23,50\% \pm 1,10\%$
- Solid content (EN 480-8): $23,70\% \pm 1,10\%$
- Na₂O equivalent: $\leq 1,50\%$
- Cl⁻ ions content: $\leq 0,10\%$

Norms and regulations

- This product conforms to CE marking. The appropriate declaration can be found on our internet site.
- This product conforms to NF 085 certification, which technical specifications are those applied in the non harmonised part of NF EN 934-2.
- Adresse AFNOR - 11, Avenue de Pressensé - 93571 Saint Denis La Plaine Cedex

Domains of application

- All cement types excluding white cement
- Slump flow between 100 and 210 mm
- Ready-mix concrete

Precautions

Protect from frost.

Should the product freeze, it will recover its properties. After thawing, an efficient agitation is necessary until the product is entirely homogeneous again.

Method of use

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

This product is completely miscible in water.

This product must be added to the mixing water before adding to the mixer.

Should the product be added to fresh concrete, into the mixing truck, it is necessary to mix at high speed, and then at low speed (with a minimum of 3 minutes, at each speed).

The optimum dosage of this product can only be established after trial tests, taking into account the rheological characteristics and the required



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mechanical performances of the concrete.

From a 1.2% dosage, a retarding effect may happen with some cement.

Safety

Before use, refer to the safety data sheet on our internet site www.chryso.com



The information contained in this technical data sheet is given to the best of our knowledge and the result from extensive testing - which were conducted in order to remain as objective as possible. However, it cannot, in any case, be considered as a warranty involving our liability in case of misuse or any different use of our products, other than those from the «Application» paragraph of this technical data sheet. Some application tests should be carried out before using the product to ensure that the methods of use and conditions of application of the product are satisfactory. Our technical assistance is at the disposal of the users. Please enquire for the most recent version of the technical data sheet, available on www.chryso.com.

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