

# CHRYSO® Plast Omega 144

Water reducing Plasticizing admixture

## DESCRIPTION

CHRYSO® Plast Omega 144 is a latest generation water-reducing plasticizing admixture. This admixture takes advantage of our most recent knowledge, in order to provide: - a broad range of dosage, - a high water reducing power, - slump retention, - good concrete cohesion. CHRYSO® Plast Omega 144 has a strong dispersing capacity on the fine elements of concrete, which allows the production of fluid concrete. CHRYSO® Plast Omega 144 is easy to use: its large range of dosage allows for the manufacture of a wide range of concrete.

CHRYSO® Plast Omega 144 allows the production of concretes with long slump retention. CHRYSO® Plast Omega 144 is particularly fitted for ready-mix concrete. This admixture can also be used in combination with other products of the CHRYSO® range, in order to fit the most challenging requirements.

## FIELDS OF APPLICATION

- Ready-mix concrete
- All Portland cement types

## INDICATIVE INFORMATION

Product Nature	liquid
Color	Brown
Lifetime	12 months

## SPECIFICATIONS

Halogen Dry Extract	30,00 % ± 1,50
Cl <sup>-</sup> ions content	≤ 0,100 %
Equivalent Content NA <sub>2</sub> O	≤ 3,00 %
Specific gravity	1,100 ± 0,020
pH (20°C)	5,50 ± 1,00
Dry extract (EN 480-8)	30,50 % ± 1,500

## NORMATIVE AND REGULATORY INFORMATION

- 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

## METHOD OF USE

- This product must be added to the mixing water.
- 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 mechanical performances of the concrete.

### Dosage :

0.3 to 1.8 kg for 100 kg of cement.

## 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.
- For special support or applications with white cement, it is advisable to run a compatibility test before any particular use.

## SAFETY

Prior to any use, please read carefully the Material Safety Data Sheets.



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Cedex



AFNOR CERTIFICATION  
ISO 9001 - ISO 45001  
ISO 14001  
Système de  
management certifié

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.fr](http://www.chryso.fr)

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