

CHRYSO®Plast Omega 132

Water reducing Plasticizing admixture

DESCRIPTION

CHRYSO®Plast Omega 132 is a new generation water reducing plasticizer. This admixture results from our expertise in hybrid polymers technology. This chemistry required 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 132 has a strong dispersing capacity on the fine elements of concrete, which allows the production of fluid concrete.

CHRYSO®Plast Omega 132 has a great flexibility: thanks to its large scale of dosage, it can be used in a great range of concrete. CHRYSO®Plast Omega 132 makes it possible to produce concrete with workability retention. CHRYSO®Plast Omega 132 is particularly recommended for ready-mix concrete. This admixture can be associated to other CHRYSO® products in order to meet the most technical requirements.

FIELDS OF APPLICATION

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

INDICATIVE INFORMATION

Product Nature	liquid
Color	Brown
Lifetime	12 months

SPECIFICATIONS

Cl ⁻ Ions content	≤ 0,100 %
Equivalent Content Na ₂ O	≤ 2,00 %
Specific gravity (20°C) in kg/dm ³	1,070 ± 0,010
pH (20°C)	6,00 ± 2,00
Dry Extract (SYNAD - IFSTTAR)	24,40 % ± 1,20

NORMATIVE AND REGULATORY INFORMATION

- This product conforms to NF 085 certification, which technical specifications are those applied in the non harmonised part of NF EN 934-2.
- This product conforms to CE marking. The appropriate declaration can be found on our internet site.



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
CHRYSO 19 place de la Résistance - 92445 ISSY LES MOULINEAUX France Tél.:+33 (0)1 41 17 18 19 Fax:+33 (0)1 41 17 18 80 e-mail:contact@chryso.com

METHOD OF USE

- This product must be added to the mixing water or at the end of the mixing cycle.
 - 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.
- 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).

Dosage :

0.3 to 1.5 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.

SITE REFERENCES

Ski lift in Chanrousse, France. Waste-water treatment plant of Le Havre, France: vibrated or self-compacting concrete for the moulded walls, compressive slabs, walls, ...

SECURITY

Before use, see MSDS.

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■ Adresse AFNOR - 11, Avenue de Pressensé - 93571 Saint Denis La Plaine

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