TECHNICAL DATA SHEET





CHRYSO **Concrete**

SOLUTIONS

CHRYSO®Fluid Premia 525

High range water reducing Super plasticizing admixture

DESCRIPTION

CHRYSO[®]Fluid Premia 525 is a new generation superplasticizer – high range water reducer, based on patented innovative polymers with the new FILL-FREE[®] technology. CHRYSO[®]Fluid Premia 525 is particularly recommended for concrete requiring high early and longterm compressive strengths.

When used in low water/cement ratio or high fines content concrete such as Self Compacting Concrete (SCC), CHRYSO®Fluid Premia 525 allows for outstanding placeability and finish properties. CHRYSO®Fluid Premia 525 allows for superior early strengths, finish and durability of concrete.

FIELDS OF APPLICATION

- All cement types
- Self consolidating concrete
- High early and ultimate strength
- Prestressed concrete
- Reinforced concrete
- SO to S5 delayed released concrete

INDICATIVE INFORMATION

Product Nature	liquid
Color	Brown
Lifetime	12 months

SPECIFICATIONS

CI- lons content	≤ 0,100 %
Equivalent Content NA ₂ O	≤ 3,50 %
Specific gravity (20°C) in kg/dm3	1,095 ± 0,015
pH (20°C)	5,00 ± 2,00
Dry Extract (SYNAD - IFSTTAR)	32,00 % ± 1,50

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.

METHOD OF USE

• A 0.8% dosage of the product of the weight of cement is commonly used.

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

Dosage :

 $0.3\ to\ 3.0\ kg$ for 100 kg of cement.

PRECAUTIONS

- Protect from frost.
- Avoid prolonged exposure to high temperatures.
- Store in plastic containers, PVC excluded.

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

SECURITY

Before use, see MSDS.



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 "Appleation" 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

