

# CHRYSO®Plast 760

## Water reducing Plasticizing admixture



**CHRYSO®Plast 760** is a sulfonated polynaphtalene based additive.

It acts simultaneously on:

- the dispersion of particles in concrete,
- the cohesion of fresh concrete,
- workability retention properties.

The use of **CHRYSO®Plast 760** helps produce homogeneous concrete without segregation nor bleeding, which has stable workability with time.

The use of **CHRYSO®Plast 760** helps produce plastic concrete with good finish and high compressive strength characteristics.

### Indicative characteristics

- Nature: liquid
- Colour: Brown
- Specific gravity (20°C):  $1,150 \pm 0,010$
- pH:  $9,00 \pm 1,00$
- Solid content (EN 480-8):  $31,00\% \pm 1,30\%$
- Solid content (24h-105°C):  $30,50\% \pm 1,30\%$
- Na<sub>2</sub>O equivalent:  $\leq 5,00\%$
- Cl<sup>-</sup> ions content:  $\leq 0,10\%$
- Freezing point: -3 °C
- Shelf life: 18 months

### 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.

### Domains of application

- All cement types excluding white cement
- Steam-cured concrete
- Ready-mix concrete
- Industrial slabs
- Concrete for highly reinforced structures

### Precautions

Do not use in white or light coloured concrete. 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 1.8 kg for 100 kg of cement.

A 0.6% dosage of the product of the weight of cement is commonly used.

This product is completely miscible in water.

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.

It should be added to the mix at the same time as the mixing water if a constant workability is required.

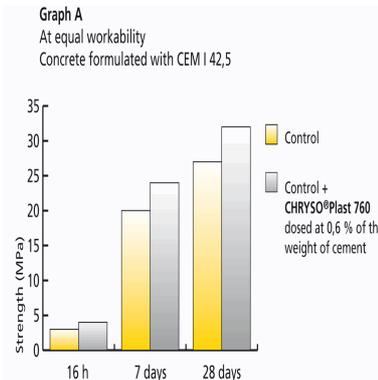
### Tests

Example of results obtained according to the methods defined in the ISO 4012 standard (resistance tests).



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### Construction sites references

Normandy Bridge between Le Havre and Honfleur, France: prestressed concrete for the matrixed surfaces of the pylons and their reinforced base plates.

### Safety

This product is classified as "harmless". In case of exposure, it is recommended to wear your protective equipment.

Before use, refer to the safety data sheet on our internet site [www.chryso.com](http://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](http://www.chryso.com).

CHRYSO S.A.S. - 19 Place de la Résistance - 92446 Issy-les-Moulineaux cedex - FRANCE - Tel.: +33 (0)1 41 17 18 19 - Fax: +33 (0)1 41 17 18 80