



## CHRYSO®Plast XP

### Water reducing plasticizer



#### Description

**CHRYSO®Plast XP** is a new generation plasticizer. Its molecular structure has been especially designed to give it exceptional properties when used in dry or very low workability (VLW) concretes.

Through its plasticising and dispersing ability, **CHRYSO®Plast XP** improves the mechanical characteristics of elements made of dry or VLW concrete.

**CHRYSO®Plast XP** has waterproofing properties and can be used to reduce capillary absorption.

**CHRYSO®Plast XP** increases production rates when manufacturing products with VLW concrete (ie block pavers).

After immediate demoulding, concrete using **CHRYSO®Plast XP** exhibits a closed surface finish with a wet aspect and without any dragging of the surface.

**CHRYSO®Plast XP** has a wide dosage range, which facilitates its use in a wide variety of concretes.

#### Characteristics

- ◆ Nature: liquid
- ◆ Density:  $1,085 \pm 0,010$
- ◆ Colour: yellow
- ◆ pH:  $7.5 \pm 1$
- ◆ Cl<sup>-</sup> ions content:  $\leq \text{à } 0,1 \%$
- ◆ Na<sub>2</sub>O équiv.:  $\leq 1.5 \%$
- ◆ Dry extract:  $31.5 \pm 1,1 \%$

#### Packaging

Bulk  
Cubitainers: 1000 L  
Barrels: 215 L  
Drum: 60 L

#### Conformity

**CHRYSO®Plast XP** is a water reducing plasticizer which conforms to CE marking. The appropriate declaration can be found on our internet site.

**CHRYSO®Plast XP** is a plasticizer – water reducer which conforms to NF-EN 934-2.

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#### Method of use

##### Applications

- All types of cement
- Precast concrete curbs
- Precast concrete pipes
- Paving blocks, floor tiles & blocks
- Manufacture of all immediately demoulded concrete components

##### Directions of use

Dosage: from 0.25 to 1.5 kg for 100 kg of cement.

A dosage between 0.4 % and 0.7 % of the product to the weight of cement is typical.

**CHRYSO®Plast XP** is completely miscible in water and it is recommended to add it to the mixing water.

Depending on the application, **CHRYSO®Plast XP** can be used in synergy with the other **CHRYSO®** additives.

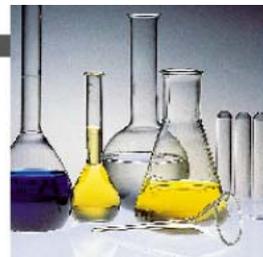
Practical evaluations with **CHRYSO®Plast XP** are necessary to establish optimum dosage/performance since cements, aggregates, mix design and equipment will vary. Consideration must also be given to the required visual and mechanical properties of the finished product.

The **CHRYSO** technical assistance is at your disposal to recommend the best formulation of concrete according to your constraints.

##### Precautions

If the product is frozen, its original properties can be recovered by thorough remixing until the product is homogeneous.

Shelf life : 9 months.



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#### SAFETY

CHRYSO<sup>®</sup>Plast XP is a product classified as « harmless ». It is recommended to wear normal protective equipment.

For further information, please refer to the safety data sheet on our internet site [www.chryso-online.com](http://www.chryso-online.com).

*The information contained in this document is given to the best of our knowledge and the results from extensive testing. However, it cannot, under any circumstances be considered as a warranty involving our liability in case of misuse. Tests should be carried out before any use of the product to ensure that the methods and conditions of use of the product are satisfactory. Our specialists are at the disposal of the users in order to help them with any problem encountered.*