

CHRYSO®Delta VCC 10S

Set retarding water reducing/ plasticizing admixture

DESCRIPTION

CHRYSO®Delta VCC 10S slows down the hydration of cement by momentarily blocking the surface of the cement particles. At the end of setting, the concrete hardens rapidly and higher compressive strength is obtained after 28 days.

CHRYSO®Delta VCC 10S is formulated specially for slipform paving concrete.

CHRYSO®Delta VCC 10S can be used simultaneously with high range water reducing superplasticizers.

BENEFITS

- **CHRYSO®Delta VCC 10S** is used to adjust the workability retention and initial workability being fine-tuned thanks to the ultra / high range water reducing admixture.
- **CHRYSO®Delta VCC 10S** can therefore be used for a wide range of concretes.
- **CHRYSO®Delta VCC 10S** is the perfect solution in case of remote jobsite or heavy traffic, as well as temperature changes.
- **CHRYSO®Delta VCC 10S** makes it possible to avoid re-tempering at the delivery point.
- **CHRYSO®Delta VCC 10S** is particularly suited for cements for which workability retention is difficult to get and/or at high temperature.

FIELDS OF APPLICATION

- High Performance Concrete
- Prestressed concrete
- Pumped concrete
- Precast
- Reinforced concrete
- All cement types

CHARACTERISTICS

SPECIFICATIONS

Product Nature	Liquid
Color	Brown
Lifetime	12 months
Specific gravity	1,180 ± 0,020
pH	5,00 ± 2,00

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.

METHOD OF USE

- This product is completely miscible in water.
- This product must be added to the mixing water before adding to the mixer.
- 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.

Between 0.10 and 2.0kg per 100 kg of cement. A 0.8% dosage of the product to the weight of cement is commonly used.

- The optimum dosage of **CHRYSO®Delta VCC 10S** can only be established after trial tests, taking into account local conditions, materials and specification requirements.
- **CHRYSO®Delta VCC 10S** can be added at the concrete plant or on the job site. In case of addition in a mixing truck, it is recommended that the concrete be mixed at high speed for 1 minute per cubic yard of concrete (with a minimum of 6 min.)
- Because local job conditions vary, please contact your local CHRYSO sales representative for further assistance if using outside recommended dosage ranges.

Dosage :

0.10 to 2.00 kg for 100 kg of cement

PRECAUTIONS

- Should the product freeze, it will recover its properties. After thawing, an efficient agitation is necessary until the product is entirely homogeneous again.
- Avoid prolonged exposure to high temperatures.
- Protect from frost.

SAFETY

CHRYSO®Delta VCC 10S is not considered dangerous to handle. Please refer to the material safety data sheet for additional information.

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

TECHNICAL DATA SHEET



**Chryso
Concrete
Solutions**

04/08/2026

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TEST SITE

The information contained in this document is given to the best of our knowledge and is the result of extensive and controlled testing. However, it cannot under any circumstances be considered as a warranty involving our liability in the case of misuse. Tests should be conducted before the product is used to ensure that the methods and conditions of use of the product are satisfactory. Our specialists remain at the disposal of customers if they require help with the application of the product for their specific needs. www.chryso.ph

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