CHRYSO®Xel 650

Set accelerating admixture



CHRYSO® Xel 650 is a chloride-free based set accelerating admixture which helps the first reactions of hydration, especially at low temperature.

CHRYSO®Xel 650 significantly reduces setting time and improves early compressive strengths. CHRYSO®Xel 650 is low in alkali.

Indicative characteristics

Nature: liquidColour: Brown

Shelf life: 18 months

Specifications

Specific gravity (20°C): 1,450 ± 0,010

pH: 6,00 ± 1,00

Solid content (EN 480-8): 61,50% ± 2,70%

Na₂O equivalent: ≤ 2,70%
Cl⁻ ions content: ≤ 0,10%

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.
- This product conforms to NBN-EN 934-2 Belgium.
- The product's BENOR certification indicates that, on the basis of an external periodic inspection, there is a sufficient level of confidence -
- that the licensee is in a position to ensure continuous product conformity as laid down in technical specifications of the product.

This BENOR data sheet contains the characteristics performances declared by the manufacturer and is checked by the certification organization.

Domains of application

- All cement types
- Cold weather concreting
- Ready-mix concrete
- Poured concrete
- Prestressed concrete
- Precast

Precautions

Do not mix with acid products.

Method of use

Dosage: 0.4 to 2.5 kg for 100 kg of cement.

A dosage of 1.5% by weight of cement is commonly used.

This product is completely miscible in water.

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.

Tests

Examples of results according to the modes defined in the European NF-EN 480-1 standard. Concrete with CEM I 42,5 (SSB: 3200-4000 cm2 /g and C³A: 7-11 %).

Trials made at constant workability.

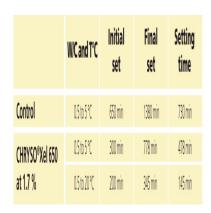




CHRYSO®Xel 650

Set accelerating admixture





Construction sites references

Viaduct of Barrails, France: prestressed concrete ring segments.

Safety

Before use, refer to the Material Safety Data Sheet.

The MSDS is available on www.chryso.com

CHR/SO www.chryso.com