CHRYSO®AL 810 Set retarding admixture

Chryso Concrete

Solutions

DESCRIPTION

CHRYSO®AL 810 is a new generation liquid set retarding plasticizing admixture, for concretes containing classic alumina cements or concretes with Alag cements (aluminous cements and synthetic alumina aggregates).

CHRYSO®AL 810 maintains a high slump up to two hours and more, even with a hot climate of 35°C.

CHRYSO®AL 810 is used to ensure good workability and set delay to guarantee easy preparation, transport and placing of aluminous cements.

PACKAGING

- IBC 1000L
- Bulk delivery on request



Calcium Aluminate Cement

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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 The information contained in this obcurrent is given to the sector our nonequegation is the source 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.chrysogulf.com CHRYSO Gulf LLC, P.O. Box 22849 - Doha - QATAR Tél.:(+974) 4450 0840 Fax:(+974) 44500830 e-mail:admin@chrysogulf.com



CHRYSO®AL 810

Set retarding admixture

INDICATIVE INFORMATION

Product Nature	liquid
Color	Brown
Lifetime	18 months
CI ⁻ lons content	≤ 0,100 %
Equivalent Content NA ₂ O	≤ 0,50 %
Specific gravity	1,060 ± 0,020
рН	10,50 ± 2,00
Freezing Point	-1 °C
Dry extract (EN 480-8)	15,00 % ± 1,000
Dry Extract (SYNAD - IFSTTAR)	15,00 % ± 1,50

METHOD OF USE

- Industrial trials are required to determine the optimum dosage.
- At a high dosage, the product may generate a light set retarding effect on some cement.
- This product is completely miscible in water.
- This product must be added to the mixing water before adding to the mixer.

Recommended Dosage:

- Composition per m³ of alumina cement concrete:
- * aluminous cement: 400 kg (minimum)
- * agregates: local classic formula
- * w/c ratio equal to 0.4 (maximum)
- * CHRYSO[®] AL 810: 0.5 to 1% of the weight of cement or more, according to the workability needed.
- Composition per m3 of Alag concrete:
- * aluminous cement: 515 kg
- * Thin Alag: 1030 kg
- * Thick Alag: 1030 kg
- * W/C ratio: 0.4
- \star CHRYSO® AL 810: 0.3 to 0.7 % of the weight 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.
- Protect from frost.
- Store in a temperate location.

NORMATIVE AND REGULATORY INFORMATION

• This product conforms to CE marking. The appropriate declaration can be found on our internet site.



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

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