### **TECHNICAL DATA SHEET**

# CHRYSO®ScreedFluid CQ

Other Product

Chryso Concrete **Solutions** 



### **DESCRIPTION**

CHRYSO®ScreedFluid CQ is a next generation superplasticizer, made from modified polycarboxylate polymers specifically designed for the manufacture of cement based fluid screeds. CHRYSO®ScreedFluid CQ provides the fluidity needed for good pumpability and the installation of the cement based fluid screeds while preserving the homogeneity of the material.

CHRYSO®ScreedFluid CQ is particularly suitable for the formulation of Cemfloor flowable screeds.

CHRYSO®ScreedFluid CQ provides Cemfloor screeds stability, rheology, workability retention and enhanced screed hydration.





### **BENEFITS**

CHRYSO®ScreedFluid CQ in conjunction with CHRYSO and CEMEXA's formulation method gives the fluid screeds the following properties:

- Long term workability retention without prejudicial set retarding
- Enhanced viscosity and lengthening of rheology
- Increased pumping rate and robustness in rough conditions

## **PACKAGING**

- IBC 1000L
- Bulk delivery on request

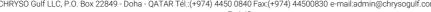
### FIELDS OF APPLICATION

Cemfloor fluid screed formulations of class C16F3, C20F4 and C25F5 can be achieved by varying the dosages of CHRYSO®ScreedFluid CQ in the compositions according to the quality of the existing materials.

Cemfloor mix design is developed and approved by CHRYSO and CEMEXA.

- Architectural concrete
- Floor slabs
- Industrial floors
- Cemfloor or Mobicem screeds

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 con ducted 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





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### INDICATIVE INFORMATION

Product Nature	liquid
Color	Clear to Light Yellow
Lifetime	12 months
Specific gravity	1,036 ± 0,020
pH	4,00 ± 2,00

Cl<sup>-</sup> ion content: nil to EN 934 and BS 5075.

### METHOD OF USE

- Dosage range: 0.5 to 4.0 kg per 100 kg of cement. The optimum dosage will be determined by industrial tests.
- Dosage rates of CHRYSO®ScreedFluid CQ are dependent on the desired screed performance characteristics and variables including cement quantity and chemistry, concrete temperature and curing conditions.
- CHRYSO®ScreedFluid CQ can be introduced into the mixer at the same time as the water.
- CHRYSO®ScreedFluid CQ is one of the component of Cemfloor liquid screeds. To ensure quality, consistency and the proper screed performance, the liquid screed Cemfloor mix design must be developed in partnership with the batching and delivery company with mandatory approval by CHRYSO.

### **PRECAUTIONS**

- Protect from frost.
- Should the product freeze, it will recover its properties. After thawing, an efficient agitation is necessary until the product is entirely homogeneous again.
- Use at a temperature above 0° C.
- Store in dry ventilated conditions. Protect from heat.

#### Compatibility:

- CHRYSO®ScreedFluid CQ is compatible with all types of Portland cements

Always follow CHRYSO's recommendation for Cemfloor mix design, production, jobsite preparation, pumping, leveling and

Quality control is key to obtain a consistent Cemfloor screed quality and must be followed in detail, as requested by CHRYSO and CEMEXA.

### **SAFETY**

CHRYSO®ScreedFluid CQ is not considered dangerous to handle. Prior to any use, please read carefully the Material Safety Data Sheets.

