

CHRYSO®ScreedFluid CQ

Other Product

Chryso
Concrete
Solutions

10/11/2024



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 effect
- 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
- etc

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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⁻ 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 curing.

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.