

# CHRYSO®Foam CQ

Foaming agent



## DESCRIPTION

**CHRYSO®Foam CQ** is a chemical blend of organic compounds intended to assist the generation of stabilized air-entrainment during the production of low density concrete and mortar systems as light weight and foam concrete.

**CHRYSO®Foam CQ** is specifically intended for the production of low density mortar systems such as perlite and vermiculite.

**CHRYSO®Foam CQ** can also be used as a normal air-entraining agent for conventional concrete and mortars.

## BENEFITS

- **CHRYSO®Foam CQ** does not require mechanical mixing to entrain air, however, an approved foam generator is required to produce low density and foam concrete.
- **CHRYSO®Foam CQ** reduces density up to 70% mass reduction depending on the system used and mixing equipment employed.
- **CHRYSO®Foam CQ** improves workability - the micro air bubbles entrained act as ball bearings, lubricating the mix.

## PACKAGING

- 210 L drum
- IBC 1000L

## FIELDS OF APPLICATION

**CHRYSO®Foam CQ** is recommended for all concrete and mortar mixes where low density and entrained air is required.

- All cement types
- Airport runways
- Optimisation of coarse sand particle size distribution
- Motorway slabs
- Civil Engineering
- Dams
- Marine construction
- Reservoirs
- Concrete exposed to freeze thaw
- Extruded concrete
- etc

## CHRYSO®Foam CQ

Foaming agent

Chryso  
Concrete  
Solutions

17/10/2024

### INDICATIVE INFORMATION

Product Nature	liquid
Color	Clear to Light Yellow
Lifetime	12 months
Specific gravity	1,025 ± 0,020
pH	9,00 ± 2,00

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

### METHOD OF USE

0.15 to 1.5 kg for 100 kg of cement.

- This product is completely miscible in water.
- The optimum dosage of this product can only be established after trial tests, taking into account the rheological characteristics, the strength performances and the industrial process.
- A 0.4% dosage to the weight of cement is commonly used.
- It should be added along with the mixing water to maximise its effect.
- Because local job conditions vary, please contact your local CHRYSO sales representative for further assistance if using outside recommended dosage ranges.

### 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.
- Avoid prolonged exposure to high temperatures.

#### Compatibility:

- **CHRYSO®Foam CQ** is compatible with all types of Portland cement, class C and F fly ash, GGBS, microsilica, fibers.
- **CHRYSO®Foam CQ** is compatible with other CHRYSO admixtures when used in the same concrete mix, but should be added to the mix separately and must not be mixed together prior to addition.

### SAFETY

**CHRYSO®Foam CQ** is not considered dangerous to handle.

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