

# CHRYSO® Quad 60

## Rheology Robustness Enhancer



### Description

CHRYSO®Quad 60 unique formulation increases the viscosity of cement paste with limited impact on concrete slump / slump flow.

As a result, concrete using CHRYSO®Quad 60 are significantly less sensitive to water or fine content inconsistency.

Rheological properties are significantly more consistent. Bleeding, segregation and honeycombing are prevented.

CHRYSO®Quad 60 is recommended for all high flowability concrete mixes such as SCC where superior robustness to bleeding & segregation while maintaining excellent placeability is desired.

CHRYSO®Quad 60 does not contain any chloride. Its exclusive formulation is user-friendly.

### Indicative characteristics

- Nature: liquid
- Color: light yellow
- Density (20° C):  $0.99 \pm 0.02$
- pH:  $7.0 \pm 1.0$
- Cl<sup>-</sup> ion content:  $\leq 0.10\%$
- Na<sub>2</sub>O equivalent:  $\leq 1.0\%$

### Domains of application

- All types of cement
- Precast (with or without steam-curing)
- Prestressed concrete
- Ready-Mix Concrete
- Segregation and bleeding prevention

### Precautions

- Do not dilute in water.
- Protect from freezing.
- Avoid brutal temperature changes.

### Method of use

Dosage: 0.2 to 0.6 kg per 100 kg of cement.

A 0,4% of cement weight dosage rate is usual.

CHRYSO®Quad 60 is completely miscible in water and should be preferably added to the mixing water or directly in the mixer along with the tail water.

Water content must be determined according to the workability & compressive strengths required. The optimum dosage for CHRYSO®Quad 60 can be established after trial tests, taking into account local conditions affecting the workability of the mix, the temperature of concrete and the compressive strengths required for concrete

**Shelf Life:** If stored in unopened containers at normal ambient temperatures, a shelf-life of approximately 12 months.

### Packaging

- Barrels of 60 L
- Drums of 215 L
- IBC of 800 L

### Safety

Before use, refer to the Material Safety Data Sheet. The MSDS is available on [www.chryso.com](http://www.chryso.com).

The information contained in this technical data sheet is given to the best of our knowledge and the results from extensive testing in order to remain as objective as possible. However, it cannot, in any case be considered as a warranty involving our liability in case of misuse or any different use of our products from the "Application" paragraph of this technical data sheet. Some application tests should be carried out before using the product to ensure that the methods of use and conditions of application of the product are satisfactory. Our technical assistance is at the disposal of the users. Consult the latest update of the technical data sheet on our website [www.chryso.com](http://www.chryso.com)

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