

# CHRYSO® QUAD 743

Water reducing plasticiser

## DESCRIPTION

- **CHRYSO® Quad 743** is a latest generation water reducing plasticiser, specific to an excess of fines and/or swelling clay.
- **CHRYSO® Quad 743** includes some of our most recent polymer technologies. **CHRYSO® Quad 743 uses CLEAR®** (Clay Enabling Admixture Response) technology, allowing for efficient dispersion of hydraulic binders in concrete mix design using challenging sands containing swelling clays or high amounts of fine particles.



## BENEFITS

- **CHRYSO® Quad 743** is compatible with all types of cement, excluding white cement.
- Ensures effective binder dispersion by enhancing the admixture dosage rate (PCP) and increasing workability retention.
- Reduces viscosity, improving placing and good concrete finishing.
- A wide dosage range.
- Compensates for low fines aggregates.
- Strong water reduction with all aggregate packages.
- Excellent water reduction
- If no clay is present in the aggregates, additional water reduction is achieved.

## METHOD OF USE

- Especially recommended for ready-mix concrete
- Plastic or fluid concrete
- Aggregates where clay is present

### Dosage :

- The optimum dosage of **CHRYSO® Quad 743** can only be established by using trial tests, taking into account local conditions affecting the workability of the fresh mix and the mechanical properties required of the concrete.
- **CHRYSO® Quad 743** is compatible with most **CHRYSO** admixtures, confirmed by a **CHRYSO Quad Lab** diagnosis.
- Typical dosage range is between 0.5 to 1.5 litres for 100 kg of cement

## PHYSICAL and CHEMICAL PROPERTIES

Product Nature	Liquid
Color	Brown
Lifetime	12 months
Water solubility	miscible
pH	5,50 ± 2,00
Specific Gravity	1.08 ± 1
Viscosity	20 secs (Ford #4 Cup)

## PACKAGING

- 25 ℓ jerry can
- 200 ℓ drum
- 1000 ℓ flow bin
- Bulk delivery on request

## PRECAUTIONS

### Storage

- **CHRYSO® Quad 743** has a shelf life of 12 months starting from the manufacturing date – provided no other chemicals are added to it.
- The product should be stored away from rain and frost in clean, dry tanks.

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 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. [za.chryso.com](http://za.chryso.com)

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- After freezing, the properties of **CHRYSO® Quad 743** can be recovered by controlled thawing and agitation.

### SAFETY

- This product is classified as harmless. **CHRYSO** will provide onsite assistance when requested.

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