TECHNICAL DATA SHEET

Chryso Concrete Solutions

11/11/2026

# CHRYSO®QUAD 602

Water reducing plasticiser

## DESCRIPTION

- **CHRYSO® Quad 602** is a plasticiser - high range water reducer, specific to lack of fines and/or unfavourable sand shape factors.
- **CHRYSO® Quad 602** includes some of our most recent polymer technologies. **CHRYSO® Quad 602** uses **GRAFT®** (Gap Gradation Fixing Technology) a breakthrough technology, allowing for the use of coarse sand (low fines content).

## BENEFITS

- **CHRYSO® Quad 602** is compatible with all types of cement.
- Wide range of dosage
- Robustness to variable cement chemistries
- High early strength all year long
- Very high-water reduction
- Improves concrete cohesiveness
- Reduces bleeding and micro-segregation
- Lowers the risk of cracking
- Extended workability retention
- Good concrete cohesiveness
- Improves aggregate coating

## PHYSICAL and CHEMICAL PROPERTIES

| | |
|---|---|
| **Product Nature** | Liquid |
| **Color** | Brown |
| **Lifetime** | 12 months |
| **Water solubility** | miscible |
| **Halogen Dry Extract** | 30,00 % ± 2,00 |
| **$Cl^-$ Ions content** | ≤ 0,100 % |
| **pH** | 6,00 ± 1,00 |
| **Dry extract (EN 480-8)** | 30,00 % ± 2,000 |
| **Specific Gravity** | 1.07 ± 2 |
| **Viscosity** | 10-25 secs (Ford#4 Cup) |

## PACKAGING

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

## METHOD OF USE

- All cement types
- Especially recommended for ready-mix concrete
- Concrete with workability retention
- Crushed washed aggregates

**Dosage :**

- The optimum dosage of **CHRYSO® Quad 602** can only be established by carrying out trial tests, taking into account local conditions affecting the workability of the fresh mix and the mechanical properties required of the concrete.
- **CHRYSO® Quad 602** 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

**Dispensing/Mixing**

- **CHRYSO® Quad 602** is completely miscible in water. **CHRYSO® Quad 602** must preferably be added to the water before mixing. However, **CHRYSO® Quad 602** can be added at the end of the mixing cycle.
- Should the product be added to fresh concrete, into a mixing truck, it is necessary to mix at high speed and then at low speed (with a minimum of 3 minutes at each speed).

## PRECAUTIONS

- **CHRYSO® Quad 602** needs to be circulated with a circulation pump.

**Storage**

- **CHRYSO® Quad 602** has a shelf-life of 12 months starting from the date of manufacture – provided no other chemicals are

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. **za.chryso.com**

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added to it.

- The product should be stored away from rain and frost in clean, dry tanks.
- Should the product freeze, it will retain its properties. After thawing, it will be necessary to agitate thoroughly until a completely homogenous state is reached.
- Do not store in high temperatures for long periods of time.

## SAFETY

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

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