

# Chryso® Quad 909

Mid-Range Water Reducing Admixture

## DESCRIPTION

**Chryso® Quad 909** is a new-generation mid-range water-reducing plasticiser incorporating advanced **Quad CLEAR Technology**. Developed through hybrid polymer technology and the latest molecular synthesis expertise, Quad® 909 provides enhanced consistence retention and reliable performance.

It is specifically formulated for mixes containing **aggregates contaminated with high levels of clay or silt, manufactured sands, and crushed fines**, helping reduce cement demand while maintaining performance. Quad® 909 also remains robust against variations in cement chemistry, ensuring consistent behaviour across diverse materials.

Chryso® Quad 909 offers a wide dosage range and supports a broad spectrum of concretes, including low W/C ratio mixes, high workability mixes, and mixes requiring slump class increases without additional water or cement.

## BENEFITS

- Enables use of **highly contaminated aggregates**
- Robust performance with **variable cement chemistry**
- Supports **cement optimisation** without strength loss
- Improved **consistence retention**
- Enhanced **concrete rheology**
- Improved **compaction**
- Increased **concrete strength**
- Suitable for a **wide range of applications**
- Versatile **dosage range**

## FIELDS OF APPLICATION

- Aggregates with high clay or silt content
- High-fineness gradings
- Manufactured sands
- High-consistence concrete
- Ready-mix concrete
- Reinforced concrete
- Pumped concrete

### Compatibility with Cements

- Compatible with **all cement types**
- Compatible with **PFA** (Pulverised Fuel Ash)
- Compatible with **GGBS** (Ground Granulated Blast Furnace Slag)
- Contact Technical Department for special cement systems

## INDICATIVE INFORMATION

<b>Product Nature</b>	Liquid
<b>Color</b>	Brown

## METHOD OF USE

### Dosage :

- **0.3 to 1.2 kg per 100 kg cement**
- Optimum dosage must be determined through **trial mixes** considering local materials and performance requirements
- Chryso® Quad 909 is **fully miscible in water**
- Must be added **to the mixing water**
- Concrete must be mixed thoroughly to achieve a **homogeneous mix**

## NORMATIVE AND REGULATORY INFORMATION

- Chryso® Quad 909 is a **water-reducing plasticiser** with **UKCA** and **CE** marking
- Conforms to **BS EN 934-2 Table 2** (non-harmonised portion)

## SAFETY

- Chryso® Quad 909 is classified as **"harmless."**
- Use standard protective equipment.

For further information, please refer to the safety data sheet on our internet site [www.uk.chryso.com](http://www.uk.chryso.com).

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.

## TECHNICAL DATA SHEET



Chryso  
Concrete  
Solutions

24/06/2026

# Chryso® Quad 909

Mid-Range Water Reducing Admixture

Lifetime	12 months
Specific gravity	1,058 ± 0,010

### PACKAGING

- 215 L Barrel
- Container of 1000L
- Bulk delivery on request

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.

CHRYSO UK Ltd. - 1 Herald Way, Binley Industrial Estate, Coventry, United Kingdom, CV3

P.2/2