

Quad® 909

Mid-Range Water Reducing Admixture

DESCRIPTION

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.

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

Product Nature	Liquid
Color	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
- 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

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

SAFETY

- 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.

TECHNICAL DATA SHEET



**Chryso
Concrete
Solutions**

03/09/2026

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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.

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P.2/2