

Chryso® Quad 890

Water reducing Plasticizing admixture

DESCRIPTION

CHRYSO® Quad 890 is a new generation mid-range water reducing plasticiser incorporating CHRYSO innovative **Quad CLEAR Technology**. This admixture results from our expertise in hybrid polymer technology using our most recent knowledge of the synthesis of molecules.

CHRYSO® Quad 890 has been specifically formulated to provide admixture efficiency in mixes containing aggregates contaminated with high levels of clay or silt, manufactured sands, and crushed fine aggregate leading to cement reductions.

This can also open opportunities for previously unusable materials. The product is also robust to changes in cement chemistry.

CHRYSO® Quad 890 has great flexibility with a large dosage range. It can be used in a great range of concretes, including low water cement ratio mixes, or to allow an increase in slump class without requiring additional cement, or high workability concretes without additional increase in mix water content.

BENEFITS

- Use of highly contaminated aggregates
- Robust to variable cement chemistry
- Cement optimisation without strength loss.
- Improved concrete rheology
- Improved compaction.
- Increased concrete strengths.
- Wide range of applications.
- Versatile dosage range.

FIELDS OF APPLICATION

Types of Application

- Highly contaminated aggregates
- High fineness gradings
- Manufactured sands
- High consistence concrete
- Ready mix concrete
- Reinforced concrete
- Pumped concrete

Compatibility with Cements

- All types of cement
- Pulverised fuel ash
- Ground granulated blastfurnace slag

We recommend contacting our Technical Department for use with special cements.

METHOD OF USE

Dosage :

0.3 to 1.2 kg for 100 kg of cement.

- This product is completely miscible in water.
- This product must be added to the mixing water.
- Concrete incorporating **CHRYSO® Quad 890** should be mixed thoroughly until a homogeneous mix has been achieved.
- The optimum dosage of this product can only be established after trial tests, taking into account local conditions affecting the workability of the mix and the mechanical properties required for concrete.

PRECAUTIONS

- Protect from frost.
- Should the product freeze, it will recover its properties. After thawing, an efficient agitation is necessary until the product is entirely homogeneous again.

NORMATIVE AND REGULATORY INFORMATION

- This product conforms to CE marking. The appropriate declaration can be found on our internet site.
- **CHRYSO® Quad 890** conforms to BS EN934-2 Table 2 certification, which technical specifications are those applied in the non-harmonised part of the BS EN 934-2.

SAFETY

CHRYSO® Quad 890 is a product classified as "harmless". It is recommended to wear normal protective equipment.

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INDICATIVE INFORMATION

Product Nature	Liquid
Color	Brown
Lifetime	12 months
Specific gravity	1,055 ± 0,020

PACKAGING

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

For further information, please refer to the safety data sheet on our internet site www.uk.chryso.com.