

Chryso® Optima 1350

High Range Water Reducing Admixture

DESCRIPTION

Chryso® Optima 1350 is a new-generation high-range water-reducing superplasticiser designed to optimise cement content while achieving the required slump class. It offers excellent flexibility across a wide range of concrete types, from low water/cement ratio mixes to highly workable and flowing concretes.

Chryso® Optima 1350 provides extended consistence retention and is particularly suited to ready-mix concrete applications involving long transport times. It enables the production of high-workability concrete without increasing mix water content.

BENEFITS

- Extended consistence retention
- Improves concrete compaction
- Increases concrete strength
- Supports cement optimisation without strength loss
- Suitable for a wide range of concrete applications
- Produces highly workable and flowing concretes without additional water
- Particularly suited to ready-mix concrete requiring extended transport times

FIELDS OF APPLICATION

- Ready-mix concrete
- Very plastic to flowing concrete
- Self-compacting concrete (SCC)
- Warm-weather concreting

Compatibility with cements

- Concrete containing pulverised fuel ash (PFA)
- Concrete containing ground granulated blastfurnace slag (GGBS)
- Concrete produced with all cement types

INDICATIVE INFORMATION

Product Nature	Liquid
Color	Light brown
Lifetime	12 months
Specific gravity	1,090 ± 0,010

PACKAGING

- 1250 KG flow bin
- Container of 1000L

METHOD OF USE

Dosage :

0.3 to 1.0 kg for 100 kg of cement.

- The product is completely miscible in water
- Concrete containing Chryso® Optima 1350 should be mixed thoroughly until a homogeneous mix is achieved
- The optimum dosage should be determined through trial mixes, taking into account local conditions, workability requirements, and target mechanical properties

PRECAUTIONS

- Store away from frost
- If frozen, allow the product to thaw completely and mix thoroughly before use

NORMATIVE AND REGULATORY INFORMATION

- This product conforms to CE marking. The appropriate declaration can be found on our internet site.
- Chryso® Optima 1350 conforms to BS EN934-2 Table 3 certification, which technical specifications are those applied in the non-harmonised part of the BS EN 934-2.

SAFETY

For health, safety, and environmental information, refer to the relevant **Safety Data Sheet (SDS)**.
For further information, please refer to the safety data sheet on our internet site www.uk.chryso.com.



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- 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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