TECHNICAL DATA SHEET

Chryso Concrete Solutions

08/10/2026

Chryso®Optima 1325

High range water reducing Super plasticizing admixture

DESCRIPTION

Chryso®Optima 1325 is a new-generation high-range water-reducing superplasticiser designed to produce concretes and flowing cementitious materials with **extended consistence retention**. It is particularly recommended for highly fluid ready-mix concretes and applications involving transport over extended distances.

Chryso®Optima 1325 offers excellent flexibility and can be used across a wide range of concrete mixes, including low water/cement ratio concretes or to increase slump class without the need for additional cement. High workability and flowing concretes can be achieved without increasing the mix water content.

BENEFITS

- Extended consistence retention
- Improved compaction
- Increased concrete strength development
- Cement optimisation without loss of performance
- Wide range of concrete applications

FIELDS OF APPLICATION

Chryso®Optima 1325 is suitable for:

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

Chryso®Optima 1325 is compatible with:

- All types of cement
- Pulverised fuel ash (PFA)
- Ground granulated blastfurnace slag (GGBS)

For use with special cements, including white cement, consult **Chryso Technical Services**.

INDICATIVE INFORMATION

Product Nature	Liquid
Color	Light brown
Lifetime	12 months
Cl^- Ions content	≤ 0,100 %
Equivalent Content Na_2O	≤ 1,00 %

PACKAGING

- 100 L drum
- 215 L Barrel
- Bulk delivery on request

METHOD OF USE

Dosage :
Typical dosage: **0.3 – 1.5 kg per 100 kg of cement**

- Chryso®Optima 1325 is completely miscible in water and must be added to the **mixing water**
- Concrete should be mixed thoroughly until a homogeneous mix is achieved

The optimum dosage must be established through trial mixes, taking into account local materials, site conditions, required workability, and target mechanical properties.

PRECAUTIONS

- Store away from frost
- If frozen, the product will recover its properties after thawing and thorough agitation

NORMATIVE AND REGULATORY INFORMATION

Chryso®Optima 1325 is a high-range water reducer / superplasticiser with **UKCA and CE marking** and conforms to **BS EN 934-2, Table 3**.

SAFETY

Chryso®Optima 1325 is classified as **harmless**.
Personal protective equipment is recommended. For further information, refer to the relevant **Safety Data Sheet.**
For further information, please refer to the safety data sheet on our internet site 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 controlle d t esting. 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.
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