

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 ₂ O	≤ 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.