

Chryso® Optima 340

High Range Water Reducing Admixture

DESCRIPTION

CHRYSO® Optima 340 is a high-range water reducer and superplasticiser designed to optimise cement content while achieving a defined slump class. It enables the production of workable and flowing concretes without increasing mix water content, supporting performance-driven concrete mix design.

CHRYSO® Optima 340 offers a wide dosage range, providing excellent flexibility across a broad range of concrete types, including low water/cement ratio mixes. It allows increases in slump class without the need for additional cement and supports extended retention of concrete consistency.

The product is particularly well suited to ready-mix concrete and applications involving long transport times, where workability retention is critical.

BENEFITS

- Extended consistence retention
- Improved compaction.
- Increased concrete strengths.
- Cement optimisation without strength loss.
- Wide range of applications.
- Versatile dosage range

FIELDS OF APPLICATION

- All cement types
- Very plastic concrete to fluid concrete
- Self-compacting concrete
- Ready mix concrete
- Warm-weather concretin

INDICATIVE INFORMATION

Product Nature	Liquid
Color	Brown
Lifetime	12 months
Specific gravity	1,068 ± 0,020

PACKAGING

- Bulk delivery on request

METHOD OF USE

Dosage :

0.4 to 1.2 kg for 100 kg of cement.

- **Chryso® Optima 340** is completely miscible in water and must be added to the mixing water.
- Concrete incorporating **Chryso® Optima 340** should be mixed thoroughly until a homogeneous mix has been achieved.
- The optimum dosage of **Chryso® Optima 340** 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.

SAFETY

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