

CHRYSO OPTIMA 340

High Range Water Reducing Admixture

DESCRIPTION

CHRYSO®Optima 340 is a new generation high-range water reducer/superplasticiser, which allows optimisation of cement content in order to obtain a specific slump class.

CHRYSO®Optima 340 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 a jump in slump class without requiring additional cement.

CHRYSO®Optima 340 can enable concrete to be produced with extended retention of consistence, thus it is particularly recommended for ready mix concrete and travelling over distance.

CHRYSO®Optima 340 can be used to produce high workability and flowing concretes without additional increase in mix water content.

ADVANTAGES & 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.