

CHRYSO® Plast Omega 120

Water reducing Plasticizing admixture

DESCRIPTION

CHRYSO® Plast Omega 120 is a new generation water reducing plasticiser.

CHRYSO® Plast Omega 120 allows optimisation of cement content in order to obtain a specific slump class.

CHRYSO® Plast Omega 120 has great flexibility: with a large dosage range it can be used in a great range of concretes, from low water cement ratio mixes, or to allow a jump in slump class without requiring additional cement.

CHRYSO® Plast Omega 120 can be used to produce high workability concretes without additional increase in mix water content.

CHRYSO® Plast Omega 120 can enable concrete to be produced with improved workability retention, thus it is particularly recommended for ready mix concrete.

BENEFITS

- Improved compaction.
- Increased concrete strengths.
- Reduced mould wear.
- Improved production rates.
- Cement optimisation without strength loss.
- Wide range of applications.
- Versatile dosage range.

FIELDS OF APPLICATION

Types of Application

- All types of cement, except white cement
- Very plastic concrete to fluid concrete
- Ready-mix concrete

Compatibility with Cements

- All types of cement, except white cement
- Pulverised fuel ash
- Ground granulated blastfurnace slag

METHOD OF USE

Dosage :

0.3 to 1.2 kg for 100 kg of cement.

- The optimum dosage of **CHRYSO® Plast Omega 120** 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.
- This product is completely miscible in water.
- This product must be added to the mixing water.
- Mixing should keep going until a homogenous concrete is obtained.

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.

NORMATIVE AND REGULATORY INFORMATION

- This product conforms to UKCA and CE marking.
- **CHRYSO® Plast Omega 120** conforms to BS EN934-2 Table 2 certification, which technical specifications are those applied in the non-harmonised part of the BS EN 934-2.

INDICATIVE INFORMATION

Product Nature	liquid
Color	Brown
Lifetime	18 months

SAFETY

CHRYSO® Plast Omega 120 is a product classified as "harmless". It is recommended to wear normal protective equipment.

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

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Water reducing Plasticizing admixture

Halogen Dry Extract	20,00 % ± 1,10
Specific gravity	1,060 ± 0,020
pH	4,90 ± 1,00

PACKAGING

- 215 L Barrel
- Container of 1000L
- BLK