## **TECHNICAL DATA SHEET**







## 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.

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. www.chryso.uk

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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

