

Chryso® Omega 120

Water reducing Plasticizing admixture

DESCRIPTION

Chryso® Omega 120 is a **new-generation water-reducing plasticizer** designed to optimise concrete performance across a wide range of mix designs. It allows efficient **cement optimisation** while achieving targeted **slump classes** without compromising strength.

With its **flexible dosage range**, Chryso® Omega 120 performs effectively in both **low water-cement ratio mixes** and concretes requiring a **significant slump increase** without additional cement. It is particularly recommended for **ready-mix concrete** due to its ability to enhance **workability retention**.

BENEFITS

- Improved compaction
- Increased concrete strength
- Reduced mould wear
- Enhanced production rates
- Cement optimisation without strength loss
- Wide application versatility
- Flexible dosage range

FIELDS OF APPLICATION

- Concretes using **any cement type except white cement**
- Very plastic to fluid concretes**
- Ready-mix concrete**

Compatible with:

- All cements except white cement
- Pulverised fuel ash (PFA)**
- Ground granulated blast furnace slag (GGBS)**

INDICATIVE INFORMATION

Product Nature	Liquid
Color	Brown
Lifetime	18 months
Halogen Dry Extract	20,00 % ± 1,10
Specific gravity	1,060 ± 0,020
pH	4,90 ± 1,00

METHOD OF USE

Dosage :

- 0.3 to 1.2 kg per 100 kg of cement**
- Optimum dosage must be determined through **trial mixes** considering local materials and required performance
- 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® 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.

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.

TECHNICAL DATA SHEET



Chryso
Concrete
Solutions

24/06/2026

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PACKAGING

- 215 L Barrel
- Container of 1000L
- BLK

The information contained in this document is given to the best of our knowledge and is the result of extensive and controlled testing. However, it cannot under any circumstances be considered as a warranty involving our liability in the case of misuse. Tests should be conducted 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.

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