

# Chryso®Omega 161

Water reducing Plasticizing admixture

## DESCRIPTION

**Chryso®Omega 161** is a new generation water reducing plasticiser incorporating CHRYSO innovative LSS Technology. This admixture results from our expertise in hybrid polymer technology using our most recent knowledge of the synthesis of molecules.

**Chryso®Omega 161** has been specifically formulated to provide consistent fresh and hardened concrete in variable binder composition and chemistry.

**Chryso®Omega 161** 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 an increase in slump class without requiring additional cement.

### Compatibility with Cements

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

We recommend contacting our Technical Department for use with special cements

**Chryso®Omega 161** can be used to produce high workability concretes without additional increase in mix water content.

### ADVANTAGES & BENEFITS

- Consistent performance in challenging binders
- Improved concrete rheology
- Improved compaction.
- Increased concrete strengths.
- Improved production rates.
- Cement optimisation without strength loss.
- Wide range of applications.
- Versatile dosage range.

## FIELDS OF APPLICATION

- High consistence concrete
- Ready mix concrete
- Reinforced concrete
- Pumped concrete

## INDICATIVE INFORMATION

Product Nature	Liquid
Color	Brown
Lifetime	12 months
Specific gravity	1,065 ± 0,020

## PACKAGING

- Bulk delivery on request

## METHOD OF USE

Dosage: 0.3 to 1.5 kg for 100 kg of cement.

**Chryso®Omega 161** is completely miscible in water and must be added to the mixing water.

Concrete incorporating **Chryso®Omega 161** should be mixed thoroughly until a homogeneous mix has been achieved.

The optimum dosage of **Chryso®Omega 161** 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.

## NORMATIVE AND REGULATORY INFORMATION

- CHRYSO®Omega 161 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.

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.

## TECHNICAL DATA SHEET



UK  
PA

Chryso  
Concrete  
Solutions

01/07/2026

# Chryso® Omega 161

Water reducing Plasticizing admixture

### SAFETY

- **CHRYSO® Omega 161** 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](http://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 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.

CHRYSO UK Ltd. - 1 Herald Way, Binley Industrial Estate, Coventry, United Kingdom, CV3

P.2/2