

# Chryso® Omega 141

Water reducing Plasticizing admixture

## DESCRIPTION

**Chryso® Omega 141** is a new generation water reducing plasticiser, which allows optimisation of cement content in order to obtain a specific slump class.

**Chryso® Omega 141** 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® Omega 141** can be used to produce high workability concretes without additional increase in mix water content.

## BENEFITS

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

## FIELDS OF APPLICATION

### Types of Application

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

### 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.

## INDICATIVE INFORMATION

Product Nature	Liquid
Color	Brown
Lifetime	12 months
Specific gravity	1,055 ± 0,020

## PACKAGING

## METHOD OF USE

### Dosage :

0.3 to 1.5 kg for 100 kg of cement.

- 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.
- The optimum dosage of this product 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

- This product conforms to UKCA and CE marking. The appropriate declaration can be found on our internet site.
- **Chryso® Omega 141** 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® Omega 141** 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

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- 215 L Barrel
- Container of 1000L
- Bulk delivery on request

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